ASTRONOMISCHE BEOBACHTUNGEN AUF DER KÖNIGLICHEN STERNWARTE ZU...

Berlin (Germany). Sternwarte



Astronomische Beobachtungen

auf der Königlichen Sternwarte

zu

Berlin.

Zweite Serie.

Band III.

Zusammenstellung der Oerter für 1875

für die in der Zone Berlin A und anschliessend 1869—1874 am Pistor'schen Meridiankreise beobachteten Sterne

nach den einzelnen Beobachtungen.

Von

A. Auwers.

Berlin 1904.
Ferd. Dümmler's Verlagsbuchhandlung.
(Commissionsverlag.)

An die in der Reduction der Zonen abgeleiteten Oerter für 1875 sind bei der Catalogisirung noch folgende Correctionen angebracht worden: erstens für beide Coordinaten eine constante Tagescorrection; zweitens an die Rectascensionen der schwächeren Sterne, mit $8^{m}9$ beginnend, eine Helligkeitsgleichung, an die Declinationen eine Correction, durch welche der fortschreitende Theil der wegen der Theilungsfehler bei der Reduction angebrachten Correctionen wieder abgezogen werden sollte.

Die Gründe für dieses Verfahren sind in der Einleitung des Catalogs dargelegt, und ebenda S. (38)—(45) die nachträglich angebrachten Correctionen nachgewiesen.

Es war ursprünglich meine Absicht, bei Gelegenheit der Veröffentlichung der Zonenbeobachtungen noch die Vergleichungen der Zonen unter einander, welche die Tagescorrectionen geliefert haben, ausführlicher mitzutheilen, im übrigen aber diese Veröffentlichung mit dem hier voraufgehenden Bande abzuschliessen; eine Zusammenstellung der Ergebnisse der einzelnen Beobachtungen für jeden Stern sollte dadurch überflüssig gemacht werden, dass in den Fussnoten des Catalogs diese Einzelwerthe jedesmal dann aufgeführt wurden, wenn die Unterschiede zwischen irgend zwei derselben $0^{s}20$ oder $2''5$ überstiegen.

Es hat sich aber bereits bei der Herausgabe des Catalogs gezeigt, dass die seine Grundlage bildende Reduction, auch mit jenen nachträglichen Verbesserungen, noch keineswegs als erschöpfend angesehen werden kann. Es wurde durch die damalige Vergleichung mit anderen Catalogen zum Schluss erwiesen, dass die Martins'sche Eintheilung der einzelnen Grade mit Benutzung einer Hülfslamelle ausgeführt, und mit Fehlern behaftet ist, die durch die Vergleichung der 4 Mikroskope unter einander gar nicht zum Vorschein gebracht werden konnten. Dazu ergab sich noch, dass die Fehler der Lamellentheilung sich zufällig so gruppirt haben, dass sie in beiden Instrumentlagen die Declination in gleichem Sinne beeinflussen, die Anstellung der Beobachtungen in beiden Lagen ihren Zweck also auch nur unvollständig hat erreichen können.

Diese Bemerkungen haben damals zur nachträglichen Aufstellung der Einl. S. (131) mitgetheilten empirischen Correctionstafel geführt, durch deren Anwendung man die im Catalog gegebenen Oerter noch wesentlich verbessern kann.

Weiter hat die Untersuchung, über die in Nr. 3842—3844 der Astr. Nachr. berichtet ist, ergeben, dass die Helligkeitsgleichung durch die bei der Catalogisirung angebrachten Correctionen aus den Rectascensionen noch nicht vollständig fortgeschafft ist, und dass sie sich auch in den Declinationen bemerkbar macht.

Um nun eine genauere Ermittelung und Anbringung der für die Catalogörter noch erforderlichen Verbesserungen möglichst zu erleichtern, erschien es schliesslich dennoch wünschenswerth, die Einzelresultate in vollständiger Zusammenstellung vorzulegen. Indem aber vermittelst dieser Zusammenstellung das Verhalten einer jeden einzelnen Zone zu der Gesammtheit mit Leichtigkeit nachgeprüft, und noch schärfer als bei der Bearbeitung des Catalogs geschehen festgestellt werden kann, wird damit nun die früher beabsichtigte ausführlichere Mittheilung der zwischen je zwei einzelnen Zonen gefundenen Unterschiede überflüssig.

Die Einzelresultate der Beobachtungen werden hier in derjenigen Lesart für Grösse, RA. und Decl., und mit Angabe derjenigen Gewichte mitgetheilt, wie sie — von der Berichtigung der bei dem Druck der Zonen jetzt noch aufgefundenen Fehler abgesehen — auf den Zetteln des Zettelcatalogs, RA. und Decl. als Schlusswerthe, stehen und die Angaben des gedruckten Catalogs geliefert haben.

Demnach sind die Grössenangaben einfach aus dem voraufgehenden Bande übernommen. Diese Angaben sind, wo nicht mindere Sicherheit einer einzelnen Schätzung besonders angezeigt ist, für den Catalog immer mit gleichen Gewichten zu Mitteln vereinigt, und es ist zu beachten, dass die verschiedene Form, in welcher sie niedergeschrieben sind, im allgemeinen nicht zugleich eine verschiedene Sicherheit der Schätzung anzeigt. Wenn z. B. bei Nr. 3519 die beiden Angaben Z. 72: 8, Z. 96: 8.6 vorkommen, so sind diess zwei thatsächlich gleichwerthige Bestimmungen, indem der Eintrag »8« in Z. 72 besagt, dass bei sorgfältiger Schätzung keine ein Zwölftel einer Grössenclasse erreichende, oder die Hälfte dieses Betrages mit Wahrscheinlichkeit übersteigende Abweichung von der Grösse 8.0 bemerkbar gewesen ist; von Z. 76 ab würde in solchem Fall »$8^{m}0$« auch niedergeschrieben worden sein. Ausnahmen, wo nur in ganzen oder halben Einheiten angesetzte Grössenangaben auch weniger sicher sind, kommen zuweilen vor, wenn Zonen in ganz heller Dämmerung begonnen, oder durch Wolken gestört wurden. Ueberhaupt ist es erforderlich, um aus den Notirungen in den

Zonen die Grössen möglichst angenähert zu erhalten, an Hand des voraufgehenden Bandes die näheren bei den einzelnen Zonen obwaltenden Umstände in Betracht zu ziehen, eventuell durch Vergleichung der beiden ersten — eben zu diesem Zweck neben einander gestellten — Columnen für den einzelnen Beobachtungstag die Reduction auf B.D. und ihre Aenderung im Lauf der Zone zu bestimmen. Diess ist bei der Catalogisirung nur ausnahmsweise, an einigen Stellen besonders starker Beeinflussung der geschätzten Grössen durch Trübung des Himmels, bereits geschehen.

Die hier angesetzten Werthe der RA. und Decl. haben sich aus den in der Reduction der einzelnen Zonen (Band II) abgeleiteten durch Anbringung folgender Correctionen $\Delta\alpha_1$ und $\Delta\alpha_2$ bezw. $\Delta\delta_1$ und $\Delta\delta_2$ ergeben.

Corr. $\Delta\alpha_1$ und $\Delta\delta_1$ für Tagesfehler der Zonen
einschliesslich Reduction auf $\frac{1}{2}$(O.+W.)

Zone	$\Delta\alpha$	$\Delta\delta$
17	$-0^{s}.004$	$-0''.08$
18	+0.006	−0.84
19	{+0.007 / +0.117}[1]	−0.01
20	−0.005	+0.11
21	+0.016	+0.45
22	+0.005	+0.26
23	−0.025	+0.63
24	+0.013	+0.39
25	+0.022	+0.33
26	0.000	−0.24
27	+0.004	+0.04
28	+0.001	+0.22
29	+0.059	−0.16
30	+0.060	−0.02
31	+0.012	+0.24
32	+0.024	−0.53
33	+0.065	+0.18
34	+0.044	−0.09
35	+0.036	+0.10
36	+0.032	{a −0.24 1 Mikr. / » −0.40 2 » / b −0.40}
37	+0.006	+0.03
38	−0.018	−0.14
39	+0.045	−0.26
40	+0.037	−0.29
41	+0.024	−0.10
42	—	+1.12
43	+0.036	−0.54
44	+0.006	−0.43
45	−0.039	+0.69
46	+0.009	−0.31
47	+0.004	−0.17
48	+0.051	+0.14
49	+0.044	+0.04
50	−0.010	−0.14
51	+0.002	+0.01
52	+0.005	−0.27
53	+0.016	−0.03
54	−0.013	−0.04
55	−0.039	−0.38
56	−0.016	−0.06
57	−0.046	+0.12
58	−0.017	+0.30
59	+0.037	+0.16
60	+0.008	+0.35
61	+0.008	−0.05
62	+0.014	−0.07
63	0.000	+0.31

Zone	$\Delta\alpha$	$\Delta\delta$
64	$-0^{s}.011$	$-0''.01$
65	−0.020	+0.22
66	+0.024	−0.27
67	+0.008	+0.04
68	+0.025	−0.27
69	+0.019	+0.59
70	−0.006	+0.31
71	+0.038	−0.53
72	−0.019	−0.03
73	{a −0.007 / b −0.044}	+0.13
74	+0.026	+0.07
75	+0.004	−0.39
76	+0.044	+0.05
77	+0.008	−0.38
78	+0.019	−0.03
79	+0.021	−0.14
80	+0.001	−0.05
81	+0.017	+0.09
82	−0.005	+0.42
83	0.000	+0.08
84	−0.065	−0.27
85	+0.001	−0.01
86	−0.016	+0.25
87	−0.010	−0.51
88	−0.014	+0.37
89	−0.006	−0.13
90	+0.028	−0.03
91	+0.006	−0.19
92	+0.010	−0.09
93	+0.009	+0.16
94	−0.013	−0.03
95	{a +0.009 / b −0.020}	0.00
96	{a −0.016 / b −0.028}	−0.23
97	+0.032	+0.46
98	+0.050	+0.22
99	+0.020	+0.41
100	+0.037	+0.42
101	+0.013	−0.01
102	+0.011	+0.11
103	+0.004	−0.07
104	+0.026	+0.35
105	+0.020	+0.26
106	+0.020	+0.33
107', 107'', 107	−0.015	+0.26
108	−0.029	+0.30

Zone	$\Delta\alpha$	$\Delta\delta$
109	$-0^{s}.012$	$+0''.05$
110	0.000	+0.30
111	−0.010	−0.02
112	−0.025	−0.66
113	+0.024	+0.22
114	+0.004	+0.09
115	−0.014	+0.48
116	−0.030	+0.10
117	−0.015	+0.24
118	−0.013	+0.39
119	+0.012	+0.19
120	−0.062	+0.09
121	−0.047	+0.04
122	−0.047	+0.23
123	+0.023	+0.06
124	−0.007	0.00
125	−0.028	−0.22
126	+0.007	−0.30
127	−0.037	−0.27
128	−0.035	−0.09
129	+0.012	+0.20
130	−0.011	+0.03
131	{a,b −0.001 / c −0.027}	+0.15
132	−0.011	+0.30
133	+0.003	−0.17
134	−0.025	+0.48
135	−0.030	+0.67
136	+0.008	+0.33
137	−0.011	+0.24
138	+0.021	−0.17
139	+0.017	−0.05
140	−0.019	+0.22
141	+0.006	−0.21
142	+0.022	+0.04
143	+0.004	+0.03
144	−0.016	+0.06
145	+0.003	+0.14
146	−0.01	0.0
147	−0.014	+0.17
148	−0.026	−0.07
149	−0.023	+0.10
150	+0.004	−0.13
151	+0.019	+0.15
152	−0.046	−0.06
153	−0.019	−0.08
154	−0.015	+0.36
155	−0.022	−0.20
156	−0.068	+0.16

Zone	$\Delta\alpha$	$\Delta\delta$
157	$-0^{s}.021$	$+0''.03$
158	−0.050	−0.17
159	{a −0.053 / b −0.004}	+0.50
160	−0.030	+0.15
161	−0.023	+0.18
162	+0.006	−0.74
163	−0.002	+0.77
164	−0.077	+0.20
165	−0.023	+0.18
166	−0.031	+0.26
167	−0.021	+0.43
168	−0.069	−0.36
169	−0.061	−0.08
170	−0.079	+0.04
171	−0.029	+0.07
172	+0.075	+0.78
173	+0.020	−0.12
174	+0.011	−0.15
175	−0.036	−0.21
176	−0.085	−0.28
177	+0.006	+0.44
178	+0.005	+0.52
179	+0.024	−0.50
180	+0.031	+0.12
181	−0.003	+0.08
182	−0.023	+0.34
183	−0.038	−0.06
184	−0.068	−0.09
185	−0.004	−0.17
186	−0.033	−0.08
187	−0.020	−0.04
188	−0.024	+0.21
189	−0.015	−0.13
190	−0.005	+0.10
191	−0.031	+0.14
192	−0.030	−0.13
193	−0.066	−0.05
194	−0.008	+0.37
195	+0.046	−0.45
196	+0.007	+0.21
197	−0.054	−0.25
198	+0.033	−0.13
199	−0.008	−0.18
200	−0.016	+0.08
201	+0.036	+0.36
202	+0.007	+0.21
203	+0.015	−0.26
204	−0.012	+0.20

[1] Der zweite Werth gilt von $16^h 11^m$ ab.

Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ
205 } 206 }	+0ˢ007	+0″21	214	+0ˢ019	−0″38	223	−0ˢ001	+0″26	232	+0ˢ012	+0″11
207	+0.006	+0.29	215	−0.014	−0.09	224	−0.012	−0.04	233	+0.015	−0.06
208	{a −0.002 / b −0.004}	−0.01	216	−0.023	+0.10	225	−0.011	+0.45	234	−0.048	+0.16
209	+0.019	+0.16	217	−0.015	+0.18	226	−0.018	+0.01	235	−0.011	+0.23
210	+0.001	−0.05	218	+0.003	−0.22	227	−0.033	−0.20	237	−0.016	−0.68
211	0.000	−0.12	219	−0.006	−0.09	228	−0.017	+0.08	238	−0.006	+0.10
212	+0.040	+0.07	220	−0.027	−0.24	229	−0.002	+0.02	239	−0.140	−0.39
213	+0.008	−0.10	221	−0.048	−0.39	230	+0.008	−0.10	240	−0.015	−0.44
			222	−0.009	−0.50	231	−0.002	−0.01	241	+0.011	−0.42

Reduction der AO.-Zonen und der fremden Registrirzonen

Zone	Δα	Δδ	Zone	Δα	Δδ	Zone	Δα	Δδ
1	−0ˢ012	−0″98	R. 1	−0ˢ080	+1″47	R. 15	+0ˢ002	+0″44
2	−0.007	+0.01	» 2	−0.027	+0.60	» 16	+0.001	+0.72
3	−0.025	+0.14	» 3	−0.057	+0.02	» 17	−0.045	+0.12
4	−0.016	−0.07	» 4	+0.004	+0.86	» 18	−0.013	+0.64
5	+0.002	−0.50	» 5	−0.055	0.00	» 19	−0.035	+0.77
6	+0.033	+0.57	» 6	+0.004	+0.37	» 20	−0.031	−0.88
7	−0.048	−0.81	» 7	−0.026	+0.89	» 21	+0.002	+0.72
8	0.000	−0.11	» 8	−0.061	+0.49	» 22	+0.006	−0.48
9	+0.002	+0.24	» 9	−0.009	−0.25	» 23	−0.018	−0.17
10	+0.011	+0.72	» 10	−0.034	+1.10	» 24	−0.083	−0.15
11	−0.019	+0.71	» 11	+0.015	+0.25	236	0	0
12	−0.004	{a +0.01 / b +0.08}	» 12	−0.026	+0.64			
13	−0.004	+0.31	» 13	+0.053	+0.36	F. 1	+0.018	−0.64
14	+0.033	−0.22	» 14	+0.039	−0.20	» 2	−0.025	−0.15
15	+0.020	−0.19						
16	−0.065	{a +0.68 reg. / » +1.32 AO. / b +0.52}						

Ueber die Bestimmung dieser Correctionen s. Cat. Einl. S. (35) flg.

Bei der Drucklegung der Zonen haben sich in einigen Fällen Fehler in den für die Reduction angewandten Uhrcorrectionen oder Aequatorpuncten gefunden. Diese sind, wo nicht noch die Richtigstellung der Reduction der Zone im einzelnen bei der Drucklegung vollständig durchgeführt wurde, an ihrem Orte angezeigt, die als erforderlich bezeichneten Correctionen aber dann ganz übergangen, wenn es sich um eine für den ganzen Tag constante Aenderung handelte, deren Einführung in die Reduction des voraufgehenden Bandes II lediglich — bis auf ganz zu vernachlässigende Nebenwirkungen — eine gleiche Aenderung der nachträglich ermittelten Tagescorrection in entgegengesetztem Sinne zur Folge haben würde, so dass die Berichtigung ohne merklichen Einfluss auf die schliessliche Annahme der Oerter für die Zusammenstellung dieses Bandes III bleibt. Diess ist der Fall bei den Zonen

1, 14, R. 4, 18, 32, R. 22, R. 23, R. 24, 69, 160, 210, 218, 222, 225, 231.

Ferner sind als geringfügig übergangen die Correcturen zu den Zonen

7 (−0″03 ·· +0″05), 12 (a +0″01, b −0″02), R. 9 (+0″07 ·· −0″07), 21 (a −0″02, b +0″02), 24 (a −0″06 ·· +0″09), 77 (a u. b +0″02, c −0″05), 86 (−0ˢ004 ·· +0ˢ001), 119 (Z. a −0ˢ003, b +0ˢ003), 137 (Z. a −0ˢ002 ·· +0ˢ005, b −0ˢ007 ·· −0ˢ002), 193 (Z. a −0ˢ003, b +0ˢ001), 208 Z. a (−0ˢ002 als Aenderung der Tagescorrection in Folge der Berichtigung zu Z. b).

In allen anderen Fällen sind die im voraufgehenden Bande als noch erforderlich bezeichneten Correcturen der dort abgeleiteten Oerter hier angebracht worden, nämlich für folgende Zonen:

3, 4, 6, 8, 10, 16, 36, 38, 44, 46, 152 Z. b, 157, 159, 163, 208 Z. b.

Aus anderm Grunde sind noch die Declinationen der Zonen 232 und 233 durchcorrigirt worden (vergl. vor. Bd. S. (15) u. S. 1152), für erstere konnten die verbesserten Werthe hier aber nur noch unter den »Berichtigungen« am Schluss des Bandes angegeben werden.

Die für diese 17 Zonen in die obenstehende Tafel eingestellten Werthe der Tagescorrectionen gelten für die Oerter, die man aus diesen Zonen nach Anbringung der ausserdem erforderten Verbesserung der früheren Reduction erhält. Sie sind deshalb für die meisten dieser Zonen etwas verschieden von den Werthen der S. (38) der Einleitung zum Catalog bereits mitgetheilten Zusammenstellung. Einige weitere Unterschiede finden sich bei den Zonen, deren

ganze Reduction noch bei der Drucklegung berichtigt wurde, und bei denen deshalb der Mittelwerth aus allen Ortsänderungen von dem frühern Werth der Tagescorrection wieder abzuziehen war. Eine neue Bestimmung der letzteren hat hier nur für Z. 16 stattgefunden, um die früher übersehene Ungleichartigkeit der aus den drei verschiedenen Zonenstücken vom 14. April 1869 berechneten Declinationen zu beseitigen.

Für Z. 156, 158, 183, 184 sind die früher benutzten Werthe der Tagescorrectionen beibehalten; rechnungsmässig würden noch die weiteren Verbesserungen +0ˢ.008, −0″.07, −0ˢ.003, +0ˢ.003 erforderlich sein.

Corr. $\Delta\alpha_2$ der Registrirbeobachtungen von Auwers für Helligkeitsgleichung, s. Cat. Einl. S. (42), (43)

Argument: geschätzte Grösse.

Gr.	Corr.	Gr.	Corr.	Gr.	Corr.
8.9	−0ˢ.009	9.3	−0ˢ.058	9.7	−0ˢ.124
9.0	−0.020	9.4	−0.073	9.8	−0.143
9.1	−0.031	9.5	−0.089	9.9	−0.163
9.2	−0.044	9.6	−0.106	10.0	−0.185

Abgesehen davon, dass die Formel, welche diese Werthe geliefert hat, überhaupt nur wenig fest begründet ist, bleiben noch manche Fälle besonderer Unsicherheit dieser Correction. Wenn die Grössenschätzung bei einer Beobachtung ganz fehlt, ist die durch die übrigen im Mittel bestimmte Grösse als Argument genommen. Wenn nur notirt ist, dass der Stern z. B. »sehr schwach« erschien, wird der Ansatz des Arguments willkürlicher; die thatsächlich angebrachte Corr. $\Delta\alpha_2$ ist dann in den Bemerkungen aufgeführt. Ganz zweifelhaft bleibt es, welche Reductionen anzubringen sind, wenn die Sterne nicht wegen der niedrigen Grössenclasse, der sie thatsächlich angehörten oder in die sie durch Undurchsichtigkeit der Luft versetzt wurden, kleiner als 8ᵐ.8 geschätzt waren, sondern wenn des noch stark erleuchteten Dämmerungsgrundes wegen hellere Sterne für die Beobachtung eben so schwierige Objecte abgegeben hatten wie bei Nacht Sterne einer viel niedrigeren Grössenclasse bei einer dieser angepassten Feldbeleuchtung. Ueber den Unterschied zwischen Tag- und Nachtbeobachtungen von Durchgängen weiss man noch gar nichts, die Vermuthung liegt aber nahe, dass die bezügliche Variation der Helligkeitsgleichung für einen Beobachter von gleicher Ordnung mit seiner Helligkeitsgleichung selbst sei; unter solchen Umständen erschien es richtiger, von einer Anbringung der Corr. $\Delta\alpha_2$ an Dämmerungsbeobachtungen im allgemeinen ganz abzusehen, Ausnahmen sind angemerkt.

Corr. $\Delta\delta_2$ zur Beseitigung des fortschreitenden Theils der angebrachten Strichcorrectionen, s. Cat. Einl. S. (44), (45)

Argument: scheinbare, mit Refraction behaftete Decl. am Beobachtungstage.

δ′	Kreis O.	Kreis W.	δ′	Kreis O.	Kreis W.	δ′	Kreis O.	Kreis W.
14°44′	277°16′ +0″.45	82°48′ +0″.55	16° 0′	278°32′ +0″.07	81°32′ +0″.51	17°16′	279°48′ +0″.09	80°16′ +0″.01
46	18 +0.48	46 +0.55	2	34 +0.12	30 +0.54	18	50 +0.13	14 +0.12
48	20 +0.45	44 +0.62	4	36 +0.16	28 +0.51	20	52 +0.12	12 +0.10
50	22 +0.38	42 +0.67	6	38 +0.13	26 +0.50	22	54 +0.17	10 +0.14
52	24 +0.32	40 +0.72	8	40 +0.08	24 +0.49	24	56 +0.22	8 +0.12
54	26 +0.30	38 +0.75	10	42 +0.02	22 +0.57	26	58 +0.24	6 +0.18
56	28 +0.27	36 +0.78	12	44 −0.03	20 +0.58	28	280 0 +0.26	4 +0.19
58	30 +0.25	34 +0.78	14	46 −0.07	18 +0.54	30	2 +0.31	2 +0.18
15 0	32 +0.31	32 +0.75	16	48 −0.04	16 +0.54	32	4 +0.31	0 +0.16
2	34 +0.36	30 +0.76	18	50 +0.02	14 +0.56	34	6 +0.31	79 58 +0.15
4	36 +0.37	28 +0.80	20	52 +0.01	12 +0.39	36	8 +0.33	56 +0.19
6	38 +0.35	26 +0.74	22	54 −0.01	10 +0.37	38	10 +0.31	54 +0.06
8	40 +0.39	24 +0.69	24	56 +0.07	8 +0.39	40	12 +0.31	52 +0.01
10	42 +0.43	22 +0.64	26	58 +0.16	6 +0.38	42	14 +0.27	50 −0.03
12	44 +0.42	20 +0.56	28	279 0 +0.27	4 +0.39	44	16 +0.21	48 −0.04
14	46 +0.45	18 +0.53	30	2 +0.39	2 +0.38	46	18 +0.20	46 −0.06
16	48 +0.50	16 +0.51	32	4 +0.46	0 +0.38	48	20 +0.14	44 −0.04
18	50 +0.50	14 +0.53	34	6 +0.44	80 58 +0.40	50	22 +0.15	42 −0.06
20	52 +0.40	12 +0.49	36	8 +0.45	56 +0.38	52	24 +0.24	40 −0.04
22	54 +0.40	10 +0.44	38	10 +0.42	54 +0.33	54	26 +0.26	38 +0.04
24	56 +0.33	8 +0.37	40	12 +0.40	52 +0.38	56	28 +0.27	36 −0.05
26	58 +0.31	6 +0.42	42	14 +0.38	50 +0.31	58	30 +0.30	34 −0.05
28	278 0 +0.26	4 +0.34	44	16 +0.33	48 +0.31	18 0	32 +0.30	32 −0.05
30	2 +0.23	2 +0.34	46	18 +0.29	46 +0.28	2	34 +0.38	30 +0.01
32	4 +0.22	0 +0.39	48	20 +0.19	44 +0.28	4	36 +0.52	28 +0.07
34	6 +0.20	81 58 +0.41	50	22 +0.14	42 +0.26	6	38 +0.54	26 0.00
36	8 +0.18	56 +0.30	52	24 +0.11	40 +0.25	8	40 +0.62	24 0.00
38	10 +0.19	54 +0.34	54	26 +0.12	38 +0.20	10	42 +0.59	22 −0.03
40	12 +0.25	52 +0.33	56	28 +0.08	36 +0.17	12	44 +0.55	20 −0.08
42	14 +0.19	50 +0.36	58	30 +0.04	34 +0.14	14	46 +0.54	18 −0.19
44	16 +0.16	48 +0.40	17 0	32 +0.06	32 +0.12	16	48 +0.58	16 −0.18
46	18 +0.14	46 +0.41	2	34 +0.06	30 +0.18	18	50 +0.58	14 −0.14
48	20 +0.14	44 +0.46	4	36 +0.03	28 +0.11	20	52 +0.57	12 −0.12
50	22 +0.14	42 +0.38	6	38 +0.03	26 +0.10	22	54 +0.48	10 −0.13
52	24 +0.16	40 +0.33	8	40 +0.09	24 +0.05	24	56 +0.46	8 −0.12
54	26 +0.19	38 +0.35	10	42 +0.07	22 +0.19	26	58 +0.45	6 −0.06
56	28 +0.15	36 +0.35	12	44 +0.06	20 0.00	28	281 0 +0.43	4 −0.10
58	30 +0.10	34 +0.38	14	46 +0.08	18 −0.01	30	2 +0.46	2 −0.15

δ′	Kreis O.	Kreis W.	δ′	Kreis O.	Kreis W.	δ′	Kreis O.	Kreis W.
18° 32′	281° 4′ +0″.46	79° 0′ −0″.08	19° 22′	281° 54′ +0″.33	78° 10′ −0″.02	20° 12′	282° 44′ +0″.25	77° 20′ +0″.37
34	6 +0.49	78 58 −0.03	24	56 +0.36	8 +0.01	14	46 +0.22	18 +0.34
36	8 +0.47	56 −0.02	26	58 +0.29	6 +0.09	16	48 +0.16	16 +0.33
38	10 +0.47	54 −0.04	28	282 0 +0.27	4 +0.13	18	50 +0.09	14 +0.33
40	12 +0.54	52 −0.09	30	2 +0.27	2 +0.12	20	52 +0.10	12 +0.37
42	14 +0.59	50 −0.13	32	4 +0.25	0 +0.21	22	54 +0.13	10 +0.40
44	16 +0.55	48 −0.18	34	6 +0.22	77 58 +0.21	24	56 +0.15	8 +0.44
46	18 +0.51	46 −0.27	36	8 +0.17	56 +0.21	26	58 +0.12	6 +0.45
48	20 +0.51	44 −0.20	38	10 +0.09	54 +0.23	28	283 0 +0.22	4 +0.44
50	22 +0.51	42 −0.26	40	12 +0.09	52 +0.24	30	2 +0.29	2 +0.47
52	24 +0.58	40 −0.30	42	14 +0.08	50 +0.21	32	4 +0.39	0 +0.50
54	26 +0.54	38 −0.29	44	16 +0.09	48 +0.20	34	6 +0.46	76 58 +0.48
56	28 +0.55	36 −0.28	46	18 +0.09	46 +0.13	36	8 +0.56	56 +0.51
58	30 +0.53	34 −0.31	48	20 +0.09	44 +0.11	38	10 +0.69	54 +0.53
19 0	32 +0.52	32 −0.30	50	22 +0.11	42 +0.12	40	12 +0.67	52 +0.50
2	34 +0.53	30 −0.25	52	24 +0.14	40 +0.04	42	14 +0.71	50 +0.49
4	36 +0.49	28 −0.24	54	26 +0.21	38 +0.10	44	16 +0.71	48 +0.50
6	38 +0.57	26 −0.20	56	28 +0.23	36 +0.16	46	18 +0.70	46 +0.50
8	40 +0.56	24 −0.19	58	30 +0.26	34 +0.18	48	20 +0.68	44 +0.58
10	42 +0.51	22 −0.08	20 0	32 +0.25	32 +0.20	50	22 +0.66	42 +0.56
12	44 +0.42	20 −0.10	2	34 +0.29	30 +0.21	52		40 +0.58
14	46 +0.42	18 −0.10	4	36 +0.30	28 +0.24	54		38 +0.63
16	48 +0.48	16 −0.11	6	38 +0.38	26 +0.29	56		36 +0.60
18	50 +0.48	14 −0.06	8	40 +0.32	24 +0.32	58		34 +0.61
20	52 +0.41	12 −0.03	10	42 +0.30	22 +0.37	21 0		32 +0.59

Diese Correction gilt mit den angegebenen Beträgen für die nur mit Mikr. A ausgeführten Beobachtungen. Für Beobachtungen mit 2 Mikroskopen ist die Hälfte dieser $\Delta\delta_2$, für solche mit 4 Mikroskopen gar keine solche Correction angebracht.

Bei der Aufstellung dieser Tafel ist aber das Cat. Einl. S. (45) angezeigte Versehen vorgefallen, welches zur Folge hat, dass alle für den Catalog zusammengestellten Declinationen nach Beobachtungen an Mikr. A

für Kr. O. 0″.06, für Kr. W. 0″.16

zu nördlich angesetzt sind, die Declinationen aus Beobachtungen an 2 Mikroskopen 0″.03 bez. 0″.08 zu nördlich. In Verbindung mit der Bd. II S. (25) erwähnten, Oct. 1869 beginnenden allgemeinen Verschiebung der Decl. Kr. O. ergibt sich dann, dass an die thatsächlich für den Catalog angenommenen Declinationen von Z. 38 ab noch erst die Correctionen hätten angebracht werden sollen

Kr. Ost,	Mikr. A	−0″.02,	2 Mikr. +0″.01
Kr. West,	»	−0.16	−0.08

Abgesehen von diesen nicht weiter beachteten Abweichungen — deren Unterschied für die beiden Instrumentlagen übrigens durch die Anbringung der Correctionen $\Delta\delta_1$ wieder nahezu vollständig verwischt wird, so dass es sich schliesslich im wesentlichen nur um einen constanten Fehler der Orientirung der Declinationen gegen A.G.C. im Betrage von +0″.09 handelt — hat die Anwendung der Tafel für die Corr. $\Delta\delta_2$ ihren Zweck, den fortschreitenden Theil der angebrachten Strichcorrection als zu wenig verlässlich wieder auszuschalten, deshalb nicht in aller Strenge erreichen können, weil die s. Zt. nicht wohl zu vermeidende Einführung der Declination als Argument die Schwankungen des Aequatorpuncts ganz ausser Acht liess. Das Argument δ′ der Tafel setzt als Aequatorpunct für Kr. Ost 262°32′, für Kr. West 97°32′ voraus. Bei den allerdings nur wenig in Betracht kommenden 1869 Febr. 23 — März 20 angestellten Beobachtungen war derselbe O. 262°27′, hat aber auch in der Hauptreihe der Zonen zeitweise eine bis 4′ von jenen Mittelwerthen abweichende Lage gehabt. Der Fehler in der Bestimmung des Arguments kann, wie S. (45) bemerkt ist, gelegentlich noch bis 2′ vergrössert sein, so dass ausnahmsweise Fehler bis zu 0″.1 aus der vorschriftsmässigen Anwendung der Tafel entstanden sein können.

Damit der Betrag des Fehlers in jedem einzelnen Fall festgestellt werden kann, ist die den Rechnern gegebene Vorschrift hier mitzutheilen:

»Das Argument der Corr. $\Delta\delta_2$ ist, wenn

$$\delta' = \delta_{1875} + 40' - \text{Praec.}$$

für Kr. O.: der vor δ′ nächstvorhergehende 2′-Werth

für Kr. W.: der auf δ′ folgende 2′-Werth.

Ist aber δ′ innerhalb ±10″ eine gerade Minute, so wird für O. und W. der dieser entsprechende Werth selbst genommen.

Für »Praec.« genügt es in der Regel 5 p (event. 4 p für die Sterne mit Epoche nahe 1871) zu setzen.«

Hiernach können die thatsächlich angebrachten Correctionen $\Delta\delta_2$ in der Tafel aufgefunden werden. Diejenigen, welche zum Abzug der Mittel aus je 10 auf einander folgenden Werthen der Tafel Bd. II S. (22)—(23) hätten angebracht werden sollen, sind ohne weiteres für jede einzelne Beobachtung mit dem Argument: O. = Theilstr. — 262°32′, W. = 97°32′ — Theilstr. zu entnehmen. —

Bei den Zonen der Astronomischen Gesellschaft hat sich die bei allen bis jetzt angestellten Zonenbeobachtungen gemachte Erfahrung wiederum bestätigt: die Beobachtungen an sich sind wesentlich genauer als die in erster Reduction

daraus abgeleiteten Resultate. Die Puncte, an denen im vorliegenden Fall die weitere Verbesserung der letzteren anzusetzen hat, sind die Bestimmung der besonderen Abweichungen der einzelnen Zonen vom A.G.C.-System und die Ermittelung der Theilungsfehler.

Der Ursprung der besonderen Abweichungen wird, da sowohl die Bestimmung der Nullpuncte selbst als ihre Verbindung mit den Zonen in der Hauptreihe Z. 17—241 mit Ausnahme einiger wenigen Tage völlig ausreichend gesichert ist, ohne Zweifel hauptsächlich in der Veränderung der Helligkeitsgleichung des Beobachters mit seiner Disposition und den äusseren Umständen der Beobachtung, insbesondere der Bildbeschaffenheit, zu suchen sein. Dann ist aber die Anbringung einer festen Tagescorrection, wie zu einer ersten Verbesserung geschehen, nicht ausreichend, man wird vielmehr Ausdrücke für jede einzelne Zone aufzusuchen haben, welche die Correction mit dem doppelten Argument Zeit und Helligkeit angeben; die für letzteres Argument aus den einzelnen Zonen gefundenen Coefficienten werden dann für die verschiedenen Bildclassen in Normalwerthe zu vereinigen sein, die vielleicht noch wieder für mehrere Perioden der ganzen Beobachtungsreihe gesondert festzustellen sind.

Diess wird mit wirklichem Erfolg geschehen können, sobald für eine genügend grosse Anzahl von Sternen der Zone genauere Ortsbestimmungen vorhanden sein werden, die ohne wesentliche Einbusse an Sicherheit auf Ep. 1870 übertragen werden können. Die dann anzustellende Vergleichung wird zugleich die Theilungsfehler der einzelnen Striche mit einer der Genauigkeit der Beobachtungen angemessenen Sicherheit zu bestimmen gestatten, da auf jeden einzelnen Theilstrich durchschnittlich über 70 Beobachtungen von etwa 60 Sternen entfallen.

Einen vorläufigen Versuch zur Befreiung der Declinationen von den Theilungsfehlern stellt die in der Einleitung zum Catalog S. (131) gegebene Tafel vor. Das quantitativ zu einer Bestimmung der Fehler der einzelnen Striche noch lange nicht ausreichende durch die Vergleichung mit den Pulkowaer und Greenwicher Catalogen erhaltene Material vermochte doch im ganzen und grossen für die einzelnen Stücke des Zonenbogens die erforderlichen Correctionen in solcher Annäherung zu liefern, dass durch die Anwendung jener Tafel eine ganz wesentliche Verbesserung der Catalogdeclinationen erzielt wird. Ich gebe dieselbe, damit man alle zur Verbesserung der in diesem Bande zusammengestellten Oerter bekannten Daten auch hier zusammen finde, an dieser Stelle wieder und füge noch die später abgeleitete Tafel für die Helligkeitsgleichung beider Coordinaten nach A.N. 3844 hinzu.

Reduction der catalogisirten Oerter auf das System des A.G.C.

I.

Argument: Decl. für Epoche.

Decl.	Corr.	Decl.	Corr.	Decl.	Corr.	Decl.	Corr.	Decl.	Corr.	Decl.	Corr.	Decl.	Corr.
14°50'	$-0''23$	15°36'	$+0''23$	16°22'	$-0''53$	17° 8'	$-0''27$	17°54'	$+0''20$	18°40'	$0''00$	19°26'	$-0''42$
52	−0.29	38	+0.25	24	−0.62	10	−0.31	56	+0.14	42	+0.04	28	−0.39
54	−0.34	40	+0.23	26	−0.66	12	−0.36	58	+0.10	44	+0.07	30	−0.27
56	−0.39	42	+0.19	28	−0.61	14	−0.40	18 0	+0.05	46	+0.09	32	−0.06
58	−0.42	44	+0.13	30	−0.54	16	−0.43	2	0.00	48	+0.08	34	+0.15
15 0	−0.44	46	+0.07	32	−0.43	18	−0.43	4	−0.05	50	+0.04	36	+0.22
2	−0.46	48	0.00	34	−0.24	20	−0.41	6	−0.09	52	−0.02	38	+0.24
4	−0.46	50	−0.07	36	−0.05	22	−0.39	8	−0.13	54	−0.08	40	+0.23
6	−0.46	52	−0.16	38	−0.01	24	−0.35	10	−0.17	56	−0.13	42	+0.20
8	−0.45	54	−0.26	40	−0.07	26	−0.29	12	−0.22	58	−0.17	44	+0.15
10	−0.43	56	−0.34	42	−0.18	28	−0.20	14	−0.26	19 0	−0.22	46	+0.09
12	−0.40	58	−0.42	44	−0.29	30	−0.10	16	−0.28	2	−0.26	48	+0.05
14	−0.35	16 0	−0.47	46	−0.40	32	0.00	18	−0.31	4	−0.28	50	+0.01
16	−0.15	2	−0.50	48	−0.46	34	+0.12	20	−0.33	6	−0.30	52	−0.01
18	−0.12	4	−0.52	50	−0.46	36	+0.24	22	−0.35	8	−0.33	54	−0.02
20	−0.12	6	−0.51	52	−0.42	38	+0.34	24	−0.36	10	−0.35	56	−0.05
22	−0.26	8	−0.49	54	−0.35	40	+0.41	26	−0.36	12	−0.37	58	−0.09
24	−0.33	10	−0.46	56	−0.26	42	+0.46	28	−0.32	14	−0.38	20 0	−0.16
26	−0.36	12	−0.42	58	−0.22	44	+0.48	30	−0.27	16	−0.39	2	−0.29
28	−0.32	14	−0.37	17 0	−0.20	46	+0.49	32	−0.22	18	−0.41	4	−0.46
30	−0.11	16	−0.33	2	−0.20	48	+0.44	34	−0.16	20	−0.42	6	−0.53
32	−0.03	18	−0.34	4	−0.21	50	+0.36	36	−0.10	22	−0.43	8	−0.58
34	+0.14	20	−0.42	6	−0.24	52	+0.28	38	−0.05	24	−0.44	10	−0.61

II.

Argument: geschätzte Grösse.

Gr.	α	δ	Gr.	α	δ
$6^{m}0$	$+0^{s}023$	$-0''17$	$8^{m}8$	$-0^{s}071$	
6.5	+0.018	−0.17	8.9	−0.068	
7.0	+0.008	−0.16	9.0	−0.064	$0''00$
7.5	−0.006	−0.14	9.1	−0.060	
8.0	−0.026	−0.11	9.2	−0.055	
8.5	−0.055	−0.08	9.3	−0.048	
8.6	−0.061		9.4	−0.040	
8.7	−0.067		9.5	−0.032	+0.05

Zur Erläuterung der Zusammenstellung der Einzelörter ist schliesslich noch folgendes zu bemerken.

Die neben den Ortsangaben in Klammern beigefügten von 1 verschiedenen Gewichte sind durch die Annahmen bestimmt:

für die Registrirzonen
RA. 4—7 Fäd. Gew. 1; 8—12 Fäd. 1½; mehr 2
2 oder 3 Fäd. Gew. ½; 1 F. Gew. ¼
Decl. 1 Einst. Gew. 1; 2 Einst. 1½; 3 oder mehr Einst. 2
für die AO.-Zonen
RA. Gew. = 0.1 der Zahl der Fäden (Z. 1—16 höchstens ½)
Decl. Z. 1—16 Gew. ½; Z. R. 1—24 Gew. ¾

Hierzu treten als Factoren:

bei Bezeichnung mit : (unsicher) ½; etw. uns. ¾; :: ¼ (wenn so bezeichnete Werthe nicht ganz ausgeschlossen wurden.)

Die Begründung dieser Verhältnisszahlen für die verschiedenen Abtheilungen der Beobachtungen findet sich Cat. Einl. S. (46)—(48). Ebenda ist bereits darauf aufmerksam gemacht, dass nicht durchweg in aller Strenge nach diesen Regeln verfahren worden ist, die Abweichungen, die man deshalb hier antrifft, sind aber völlig gleichgültig. — Bei den nur einmal beobachteten Sternen sind keine Gewichtsangaben besonders beigefügt, wenn ein anderer Zusatz die Angabe entbehrlich macht.

Wenn eine Beobachtung der voll den sonstigen Umständen entsprechenden Sicherheit deshalb ermangelt, weil weniger als 4 Antritte erlangt wurden, ist die Zahl der Fäden noch allemal besonders in Col. »Bemerkungen« nachgewiesen.

Die Col. »Theilstr.« lässt die Instrumentlage ersehen, indem die Mitte des Zonenbogens für Kr. O. auf 280°, für Kr. W. auf 80° fiel. Der Ansatz einer ungeraden Minute in dieser Col. zeigt an, dass die Ablesung auf den beiden einschliessenden Theilstrichen ausgeführt wurde. Ein * vor der Gradzahl bedeutet, dass 2 Mikroskope (A und C), ein **, dass alle 4 Mikroskope abgelesen wurden. Ganz vereinzelt finden sich Beobachtungen mit Ablesung von Mikr. C allein, für diese ist der 180° abstehende unter Mikr. A befindliche Theilstrich aufgeführt, aber in ( ) gesetzt.

In Col. »Bemerkungen« finden sich, ausser einigen wenigen späteren Zusätzen, die bei der Beobachtung selbst gemachten Bemerkungen, soweit deren Wiedergabe an dieser Stelle erforderlich schien, insbesondere die Grössenschätzungen von nicht besonders beobachteten Nachbarsternen, und von Catalogsternen aus Zonen, in denen solche ebenfalls nur als Nachbarsterne, ohne genaue Ortsbestimmung, angemerkt wurden. Die Angaben weichen hier vom Orig. in so fern ab, als dort beiläufige Ortsdifferenzen notirt, hier aber — wie schon im voraufgehenden Bande — nach der damit ausgeführten Identificirung die BD-Nummern angegeben sind, wenn die angemerkten Sterne überhaupt in der Bonner Durchmusterung vorkommen.

Die Vermerke über besonders grosse Unruhe der Luft oder Zerflossenheit der Bilder sind soweit wiedergegeben, als sie bei der Anfertigung des Zettelcatalogs auf die Zettel übertragen worden sind, d. i. im allgemeinen dann, wenn bei einzelnen Beobachtungen innerhalb einer Zone diese Umstände von den im ganzen bei der Zone stattfindenden sehr verschieden waren. Die Angabe hat wesentlich nur für die relativen Grössenansätze im Lauf des Beobachtungsabends Bedeutung. Um die viel grössere Anzahl der Fälle herauszufinden, in denen ein gleicher Grad mangelhafter Bildbeschaffenheit hier nicht wieder besonders angemerkt ist, würde man auf den voraufgehenden Band zurückgehen müssen — was aber für die Ortsbestimmung nur dann Interesse haben könnte, wenn man noch eine feinere Abstufung der Gewichte versuchen, oder einen einzelnen hier ohne mala nota aufgeführten aber stark abweichenden Ort näher kritisch untersuchen wollte.

ZUSAMMENSTELLUNG

DER

VON DEN TAGESFEHLERN DER ZONEN, DER HELLIGKEITSGLEICHUNG DER SCHWACHEN STERNE UND DEN ANGENOMMENEN THEILUNGSFEHLERN BEFREITEN

EINZELNEN BEOBACHTUNGEN DER CATALOGSTERNE.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0^h			
159	70.90	wie 10	0^m 4.26	16°24′17.1:	278°54′	
49	69.95	8	0 25.52	19 51 47.5 (½)	282 22	
50	95	8	25.46	48.2	77 40	
54	70.00	9	0 40.50	17 29 51.1	80 2	
155	88	9.3	40.46	50.8	280 0	
49	69.95	s.8	0 49.19	19 51 32.4 (½)	282 22	
50	95	8	49.13	35.3	77 40	
151	70.81	8.9	0 52.86	20 16 38.8	77 16	
154	87	8.6	52.95	37.8	282 46	
47	69.94	9	1 3.08	19 47 51.2	282 18	
50	95	s.9	3.01	50.5	77 44	
55	70.00	s.8	1 4.16	16 36 25.0	80 56	
157	88	8.4	4.19	23.9	279 6	
55	70.00	9	1 17.46	16 23 37.9	81 8	
157	88	9.2	17.45	38.3	278 54	
158	89	9.2	17.33	37.4	278 54	ziemlich
161	90	[wie 9.3]	17.44:(½)	36.2:(½)	278 54	»werthlos«
162	92	9.1	17.39	37.4	278 54	zl. gut
163	96	8.8	17.43	38.0	278 54	
152	70.82	9.1	1 22.99	20 8 54.0	77 24	20° 1 9^m.2
154	87	9.0	22.99	55.9 (½)	282 38	» 9.2
54	70.00	h.9	1 32.15	17 56 5.8	79 36	
155	88	9.1	32.16	7.2	280 26	
149	70.80	8.9	1 42.80	15 52 35.8	81 40	
157	88	9.2	42.83	36.0	278 24	
149	70.80	9.1	1 57.85	18 1 27.2	79 32	
155	88	9.2	57.91	27.1	280 32	
54	70.00	h.9	2 5.66	19 34 21.9	77 58	
154	87	8.8	5.69	20.7	282 4	
55	70.00	9	2 13.67	17 13 59.1	80 18	
155	88	9.1	13.50	58.5	279 44	
149	70.80	5.8	2 35.59	17 31 1.3	80 2	
155	88	5.6	35.60	0.3 (½)	280 2	
54	70.00	7	2 38.64	19 13 41.0	78 18	
154	87	7.3	38.49	41.2	281 44	
149	70.80	7.4	2 53.86	16 50 34.6	80 42	
157	88	7.2	53.89	34.7 (½)	279 22	
149	70.80	8.0	3 0.08	18 25 8.6 (½)	79 8	
157	88	8.0	0.03 (½)	8.5 (½)	280 56	
55	70.00	s.7	3 5.09 (½)	18 51 54.6 (½)	78 40	
154	87	7.6	5.03	55.9	281 22	
47	69.94	9	3 7.29	19 11 51.0	281 42	
50	95	9	7.20	53.5	78 20	
49	69.95	8.9	3 22.27	18 41 13.9	281 10	
51	95	s.8-9	22.33	14.5	78 52	
47	69.94	9	3 54.83	17 57 15.6	280 26	
50	95	h.9	54.97	15.1	79 34	
54	70.00	s.9	4 12.06	16 8 55.4	81 24	
155	88	9.3	11.90	56.6	278 40	
49	69.95	h.8	5 9.13	18 12 53.0 (½)	280 42	
51	95	8	9.21	52.5	79 20	
53	69.97	9	5 13.59	15 45 36.0	81 46	
155	70.88	9.0	13.60	35.4	278 16	
47	69.94	s.8	5 59.80	19 32 —	282 —	
50	95	—	59.72	22.7	78 0	
154	70.87	8.1	59.80	23.6	282 2	
54	70.00	s.9	6 13.10	19 4 56.3	78 28	
154	87	9.0	13.15	56.2	281 36	
			0^h			
55	70.00	h.9 -- s.8-9	6^m36.04	15°17′10.6	82°16′	
158	89	[10]	[35.76::]	[6.5::]	277 48	
159	90	9.0	36.01	8.2	277 48	
149	70.80	8.5	6 38.32	19 29 44.5	78 2	
154	87	8.5	38.36	43.8	282 0	
55	70.00	7	6 43.39	16 13 45.0 (½)	81 18	
161	90	(8.3)	43.44	44.8	278 44	
162	92	7.7	43.41	44.1	278 44	
151	70.81	9.0	6 46.17	20 3 29.8	77 30	
163	96	8.9	46.14	30.7	282 34	
149	70.80	8.7	6 50.57	18 49 34.9	78 42	
165	97	[9.3 dst.]	50.58	33.5	281 20	
166	97	9.0	50.63	34.4	281 20	
151	70.81	8.3	7 16.43	17 56 29.4	79 36	
155	88	8.0	—	29.1	280 26	
157	88	8.3	16.40	29.7	280 26	
55	70.00	8-9	7 22.38	15 53 9.6	81 38	
157	88	8.8	22.52	8.4	278 24	
151	70.81	8.6 *	7 22.76	17 13 23.3	80 20	
155	88	9.0	22.75	22.9	279 44	
47	69.94	s.9	7 24.49	19 58 25.7	282 28	
50	95	s.9	24.37	25.2	77 34	
55	70.00	s.8	8 0.08	15 56 48.5	81 36	
154	87	8.3	0.04	45.4	278 28	
47	69.94	7 *	8 8.19	19 30 40.1	282 0	* stark orange
50	95	h.6 *	8.21	40.9	78 2	* röthlich
54	70.00	8-9	8 27.48	15 8 43.4	82 24	
155	88	8.8	—	43.3	277 38	
157	88	9.0	27.41	44.4	277 38	
55	70.00	8-9	8 32.60	15 32 2.3	82 0	
158	89	9.1	32.44	0.9 (½)	278 2	
159	90	8.6	32.53	2.6 (½)	278 2	
48	69.94	s.9-10	8 33.15	15 13 43.8	277 44	
53	97	9-10	33.05:	43.8	82 18	zu wenig Bel.
49	69.95	s.9	8 36.63	18 22 40.1	280 52	
51	95	s.9	36.59	45.0	79 10	
49	69.95	9	8 40.75	18 25 8.5	280 54	
51	95	9	40.81	10.5	79 8	
151	70.81	8.7	8 42.60	16 59 45.5	80 32	
155	88	8.8	—	45.0	279 30	
157	88	8.9	42.58	46.5	279 30	
149	70.80	8.6	9 11.49	18 12 20.7	79 20	
154	87	8.9	11.51	21.5	280 42	
47	69.94	s.9	9 18.31 (½)	18 52 26.9	281 22	3 F.
49	95	s.9	18.36	27.4	281 22	
50	95	9	18.43	28.8	78 40	
51	95	9	18.40	27.7	78 40	
54	70.00	s.8-9	9 32.79	16 52 7.6	80 40	
161	90	(9.3)	32.76	7.8	279 22	»werthlos«
162	92	9.2	32.66	8.2	279 22	
163	96	9.0	32.69	8.4	279 22	
54	70.00	s.9	9 40.55	17 26 37.9	80 6	
161	90	(9.3)	40.48:(½)	37.1	279 56	»werthlos«
162	92	(9.4) W.	40.58	38.1	279 56	
163	96	9.0	40.57	38.7	279 56	
48	69.94	s.9	9 50.99	15 57 14.9	278 26	
53	97	9-10	50.80 (½)	14.5	81 34	3 F.
48	69.94	8	10 7.56	15 8 31.9	277 38	
53	97	8-9	7.43	30.3	82 24	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0^h			
55	70.00	9	$10^m 22^s.41$	15° 30′ 2″.2	82° 2′	
165	97	(9.7 dst.)	22.51	4.1 (⅓)	278 0	
166	97	9.0	22.49 (⅓)	2.9 (⅓)	278 0	
152	70.82	9.1	10 30.11	15 37 46.4	81 56	
162	92	9.2	29.97	47.7	278 8	
163	96	9.1	30.08	46.5	278 8	
47	69.94	s.9	10 42.80	18 24 49.5	280 54	
49	95	s.9	42.86	49.8	280 54	
50	95	9	42.75	49.6	79 8	
51	95	9 .. s.9	42.74	48.0	79 8	
55	70.00	8-9	10 54.91	15 48 56.8	81 44	
165	97	(9.1)	54.94	56.4 (½)	278 20	
166	97	8.6	54.91 (½)	56.0 (½)	278 20	
48	69.94	h.9	11 6.94	15 24 56.1	277 54	
53	97	9	6.95	55.5:(½)	82 8	
152	70.82	8.8	11 11.61	15 56 16.9 (½)	81 36	
163	96	9.0	11.66	16.8	278 26	
55	70.00	h.7-8	11 20.84	15 38 15.0	81 54	
161	90	[wie 8.7]	20.88	14.3	278 8	
162	92	7.3	20.92	12.8	278 8	
47	69.94	s.7-8	11 23.13	19 31 58.3	282 2	
50	95	7-8	23.10	58.1	78 0	
54	70.00	9	11 26.69	17 21 6.1	80 12	
161	90	(10)	26.47 (½)	[7 ±]	279 52	»werthlos«
162	92	(9.3 W.)	26.65	3.3	279 52	
163	96	8.8	26.59	5.9	279 52	
49	69.95	9 .. s.9	11 49.70	18 15 2.3	280 44	
51	95	h.9	49.68	1.3	79 18	
49	69.95	9	11 50.63	18 42 36.5	281 12	
51	95	s.8-9 .. h.9	50.65	37.3	78 50	
48	69.94	s.9	11 55.15	15 9 49.1	277 40	
53	97	s.9	55.22	49.3:(½)	82 22	
47	69.94	s.8	12 7.58	18 58 10.7	281 28	
49	95	s.9 .. h.8-9	7.61	8.4	281 28	
50	95	s.8	7.55	10.1	78 34	
51	95	s.8	7.52	10.0	78 34	
54	70.00	8-9	12 15.40	15 17 49.8	82 14	
163	96	8.0	15.34	50.6 (½)	277 48	Com. (etwa 9^m) [1′ 190°?
55	70.00	h.9	12 39.07 (2)	16 52 41.6 (2)	80 40	
162	92	8.9	39.15	41.6	279 24	
152	70.82	9.2	12 40.48	20 9 27.2 (½)	77 22	
162	92	(9.2)	40.68	29.2	282 40	zl. gut
165	97	(9)	40.58 (½)	27.5 (⅓)	282 40	
166	97	9.1	40.58 (½)	27.2 (½)	282 40	
48	69.94	8-9	12 44.68	15 37 13.3	278 6	
53	97	s.8	44.72	12.6	81 54	
47	69.94	8	12 54.87	19 18 21.8	281 48	
50	95	h.8 .. s.7-8	54.82	23.0	78 14	
54	70.00	9-10	13 11.63	15 11 33.8	82 20	
163	96	9.1	11.57 (½)	35.0 (½)	277 42	
47	69.94	s.9	13 21.85:(½)	19 56 35.7:(⅓)	282 26	
49	95	9	21.95	34.3	282 26	
50	95	9	21.87	35.2	77 36	
51	95	h.9	21.91	32.7	77 36	
48	69.94	h.7-8	13 28.79	15 33 26.0	278 2	
53	97	h.7-8	28.81	24.2	81 58	
48	69.94	8	14 21.20	17 47 14.1	280 16	
53	97	h.8	21.17	14.0	79 44	
47	69.94	9 .. s.9	15 20.00	20 5 56.5	282 34	
50	95	9	19.91	55.8	77 26	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0^h			
48	69.94	8 .. h.8	$15^m 28^s.55$	16° 11′ 7″.8	278° 40′	
53	97	8	28.57	6.7	81 20	
49	69.95	9	15 42.63	17 32 56.3	280 2	
51	95	9 .. s.9	42.58	57.4	80 0	
49	69.95	9	16 4.18	18 3 28.7	280 32	
51	95	9 .. s.9	4.19	28.5	79 28	
54	70.00	9	4.22	27.9	79 28	
162	92	9.2	4.14	27.6	280 34	
163	96	9.0	4.19 (½)	28.4 (½)	280 34	
47	69.94	9 .. s.9	16 30.12	20 4 53.9	282 34	
50	95	h.9	30.10	53.1	77 28	
49	69.95	s.8	16 40.94	17 4 29.4	279 34	
51	95	h.9	40.88	29.1 (½)	80 28	
54	70.00	h.8-9	41.01	30.5	80 28	
162	92	8.5	40.89	28.6	279 34	
47	69.94	8-9	16 42.49	19 23 36.3	281 52	
50	95	8-9	42.42	35.3	78 8	
48	69.94	9	16 48.41	16 3 54.5	278 32	
53	97	9	48.43	52.3	81 50	
54	70.00	h.9	16 58.88	17 50 38.7	79 42	
162	92	9.2	58.90	42.8	280 20	
163	96	9.0	58.91	42.2 (½)	280 22	
55	70.00	9	17 4.07 (½)	16 49 58.5 (½)	80 42	
162	92	8.7	4.13	50 0.2	279 20	
54	70.00	h.9	17 22.91	17 53 9.0	79 40	
162	92	8.7 zfl.	23.01	10.8	280 24	
49	69.95	8-9	17 23.50	18 58 8.0	281 28	
51	95	s.9	23.49	7.7	78 34	
55	70.00	h.8-9	18 7.47 (½)	16 17 13.9 (½)	81 14	
163	96	8.2	7.53 (½)	14.0 (½)	278 48	
48	69.94	8 .. h.8	18 9.59	15 42 53.7 (½)	278 12	
53	97	8	9.61	55.1	81 50	
47	69.94	8	18 15.21	19 22 44.0	281 52	
50	95	8	15.24	43.1	78 10	
47	69.94	s.9	18 40.41	19 31 2.2	282 0	
50	95	9 .. s.9	40.37	2.5	78 2	
48	69.94	h.8	18 41.37	16 18 4.5	278 48	
53	97	8 .. s.8	41.38	4.7	81 14	
54	70.00	8-9	18 51.65	19 12 48.3	78 20	
161	90	[wie 9.2]	51.61 (½)	49.1 (½)	281 44	»werthlos«
162	92	8.5	51.71	48.5	281 44	
54	70.00	8-9	18 52.58	19 54 3.1	77 38	
161	90	[wie 9.3]	52.64 (½)	2.5 (½)	282 24	»werthlos«
162	92	8.3 gz. zfl	52.75	3.7	282 24	
55	70.00	8-9 .. s.8-9	19 16.69	17 44 45.4	79 48	
163	96	9.0	16.68	45.5	280 16	
49	69.95	h.8-9	19 27.03	18 22 59.8	280 52	
51	95	8-9	27.03	57.6	79 10	
48	69.94	s.9	19 31.52	17 17 28.8	279 48	
53	97	9-10	31.39	28.7	80 14	
55	70.00	h.9	31.54	28.4	80 14	
47	69.94	7-8	19 33.64	19 27 14.8	281 56	
50	95	7-8	33.61	14.2	78 6	
152	70.82	7-9	19 41.34	17 52 54.1	79 40	
161	90	[wie 8.8]	41.51	54.2	280 24	
162	92	8.3 gz. zfl.	41.53	56.3	280 24	
47	69.94	s.9	19 57.70	19 21 36.6	281 50	
50	95	9-10	57.69	35.3	78 10	
47	69.94	9	20 5.68	19 36 31.8	282 6	
50	95	9	5.69	32.3	77 56	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0^h			
55	70.00	9	$20^m 23^s.14$ (½)	$17° 29' 23''.2$	80° 2'	α etw. uns.
163	96	9.0	23.21	22.5	280 0	
152	70.82	8.4	20 30.22	17 12 42.7	80 20	
161	90	[wie 9.3]	30.30 (½)	40.8 (½)	279 44	»werthlos«
162	92	(9)	30.17	42.7	279 44	
152	70.82	8.7	20 30.33	16 23 53.9	81 8	
165	97	(9.5)	30.19	54.0	278 54	
166	97	8.2	30.28	55.6	278 54	
49	69.95	9	20 48.98	18 41 3.1	281 10	
51	95	s. 9	48.89	4.3	78 52	
48	69.94	s. 7	21 1.30	15 19 58.5	277 50	
53	97	h. 7-8	1.17 (½)	59.4 (½)	82 12	
49	69.95	s. 8-9	21 6.46	18 51 33.5	281 20	
51	95	8-9	6.51	33.3	78 40	
54	70.00	9	21 9.74	15 15 50.3	82 16	
152	82	9.0	9.65	51.6	82 16	
166	97	9.0	9.70	50.5	277 46	
55	70.00	8-9 .. s. 8-9	21 20.12	17 21 11.0	80 10	
163	96	9.1:	20.04 (½)	11.0	279 52	3 F.
165	97	(9.4)	—	8.6	279 52	
166	97	8.6	20.06	8.5	279 52	
49	69.95	s. 9	21 21.62	18 23 4.8	280 52	
51	95	9-10	21.33	4.3	79 10	
49	69.95	h. 7-8	21 28.21	18 49 21.2	281 18	
51	95	6-7	28.26	20.4	78 42	
54	70.00	5 orge	21 31.98	17 12 1.5	80 20	
161	90	[wie 7.3]	32.03 (½)	1.2 (½)	279 42	
162	92	(7)	31.98	1.2 (½)	279 42	
48	69.94	h. 8	21 38.11	16 1 28.6	278 30	
53	97	h. 8	38.06	30.0	81 30	
47	69.94	h. 8 .. s. 7-8	21 39.46	20 6 16.0	282 36	
50	95	7-8:	39.34	—	77 26	
152	70.82	6.8	21 43.02 (½)	15 45 13.1 (½)	81 48	
165	97	7.3 zfl.	—	13.0	278 16	
166	97	7.0	43.13	12.9	278 16	
47	69.94	8-9	22 4.90	19 0 38.8	281 30	
50	95	9	4.84	38.0	78 32	
55	70.00	s. 9	22 13.15	15 17 48.9	82 14	
166	97	9.2	12.96	47.8	277 48	
48	69.94	h. 8-9 .. s. 8	22 36.01	15 18 24.4	277 48	
53	97	8-9	35.98	26.2	82 14	
49	69.95	h. 9	22 50.31	18 21 34.9	280 50	
51	95	9	50.26	34.8	79 10	
49	69.95	s. 9	23 0.77 (½)	18 20 28.6	280 50	3 F.
54	70.00	s. 8-9	23 8.12	17 47 50.4	79 44	
163	96	[9.5dst]	8.17	52.6: (½)	280 18	
167	98	9.2	7.97	49.3	280 18	
54	70.00	·8	23 13.03	16 55 10.1	80 36	
165	97	(9.3) zfl.	—	9.4	279 26	
166	97	8.4	13.10	9.3	279 26	
47	69.94	8-9 .. h. 8-9	23 36.24	18 43 59.2	281 14	
50	95	8-9	36.24	59.7	78 48	
49	69.95	* h. 8	23 48.46	15 6 14.4	277 36	
51	95	7-8 *	48.48	12.5	82 26	* gr. u. unr.
55	70.00	9 .. s. 9	23 49.75	16 33 28.9	80 58	
167	98	9.1	49.87	29.0	279 4	
169	99	(9.5)	49.86	28.6	279 4	
48	69.94	s. 8	23 51.04	15 53 47.5	278 22	
53	97	h. 9 .. s. 8-9	50.99	47.7	81 38	
			0^h			
55	70.00	s. 8-9	$24^m 5^s.00$	$14° 57' 38''.7$	82° 34'	
165	97	(10)	—	36.3:: (½)	277 28	fast dkl. F.
166	97	9.0	4.95	37.1	277 28	$14° 57'$ $8^m.8$
54	70.00	8	24 6.39	17 7 17.3	80 24	
163	96	8.5 W.	6.49	19.1	279 38	
54	70.00	9	24 13.33	17 10 20.4	80 22	
167	98	9.3	13.46 (½)	18.5 (½)	279 40	etw. uns.
168	98	9.2	13.34	18.2	279 40	
48	69.94	7	24 17.73	15 20 48.8	277 50	
53	97	h. 7-8	17.60	49.1	82 12	
152	70.82	9.2	24 24.86	16 13 2.4	81 20	Bel. e. z. hell
168	98	9.1	25.01	1.0	278 44	
169	99	(h. 10)	24.70 (½)	2.3	278 44	2 F.
152	70.82	9.2	24 30.77	15 30 31.3	82 2	
166	97	9.2	30.83	32.2	278 0	
49	69.95	h. 9	24 35.32	17 38 52.9	280 8	
51	95	s. 9	35.42	52.7	79 54	
153	70.85	8.8	24 40.08	15 44 56.8	81 48	
168	98	8.3	40.04	58.3	278 16	
169	99	8.7	40.18	58.9	278 16	
163	70.96	9:	24 41.66	17 5 9.4	279 36	
170	99	8.5	41.52	11.5	80 28	
171	71.00	8.4	41.46	12.1 (½)	80 28	
153	70.85	6.5	24 58.61	20 8 20.1	77 24	
168	98	7.5	58.60	20.6	282 38	
55	70.00	9	25 5.29	17 31 47.6	80 0	
167	98	9.2	5.31	43.9	280 2	
169	99	(9.4)	5.48	44.6	280 2	
48	69.94	s. 7	25 6.22	15 19 54.0	277 50	
53	97	7-8	6.17 (½)	54.2	82 12	
50	69.95	8-9	25 9.41	18 44 [51 ±]	78 48	
153	70.85	8.9	9.50	51.7	78 48	
47	69.94	h. 8	25 12.44	18 47 31.9	281 16	Z. 50: 8^m
152	70.82	8.0	25 17.23	16 35 24.3	80 58	
167	98	8.2	17.40	25.0	279 6	
54	70.00	7-8	25 19.75	17 25 5.9	80 6	
161	90	(8.5)	[20.03]	4.7	279 56	
163	96	8.4	19.81	4.6	279 56	
153	70.85	8.8	25 21.99 (½)	17 14 46.7	80 18	2 F.
167	98	9.0	22.21	46.3 (½)	279 46	
170	99	8.8	22.00	47.7	80 18	
49	69.95	s. 7	25 23.43	18 57 8.7	281 26	
51	95	h. 7-8	23.44	8.2	78 36	
152	70.82	8.0	25 45.44	15 2 10.4 (½)	82 30	
165	97	(wie 9.2)	45.54	9.1 (½)	277 32	
166	97	8.0	45.46	9.4	277 32	
152	70.82	9.5 u. 9.5	25 51.79	14 57 57.1	82 34	Dpl. med. (255°
166	97	9.4	51.70	57.4	277 28	[zl. weit)
170	99	9.5	51.87	58 1.0	82 34	Bem.[1]
171	71.00	9.2	51.55	1.4 (½)	82 36	Dpl. seq.[2]
173	02	9.3	51.89	0.4 (½)	277 28	Bem.[3]
54	70.00	h. 7	26 0.80	18 6 26.7	79 26	
168	98	7.2	—	27.8	280 36	
169	99	7.5	0.88 (½)	25.8 (½)	280 36	
47	69.94	6	26 2.36	19 36 19.3	282 6	
50	95	6-7	2.30	19.9	77 56	
48	69.94	7	26 25.24	15 28 34.9	277 58	
53	97	s. 7-8	25.15	34.2	82 4	

[1] Vorg. Com. vermuthet, bemüht seq. zu beob.
[2] Com. $9^m.5$ stört, Beob. unsicher
[3] Sehr schwer von dem 4-5'' vorg. Com. zu unterscheiden

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0^h			
49	69.95	s.8-9	$26^m26^s.97$	18° 46′ 19″.7	281°16′	
51	95	9	27.04	19.5	78 46	
55	70.00	7-8‥h.7-8	26 28.26	17 42 22.0	79 50	
161	90	(8.8)	28.34 (½)	21.2 (½)	280 12	
163	96	[wie 8-9]	28.23	21.5	280 12	
55	70.00	s.7-8	26 32.42	16 25 25.7	81 6	
167	98	8.1	32.33	26.2	278 56	
48	69.94	h.9	26 36.14	15 37 49.1	278 8	
53	97	8-9	36.11	49.6	81 54	
152	70.82	9.2	26 36.88	15 32 17.7 (½)	82 0	
166	97	9.1	37.02	16.9	278 2	
153	70.85	8.0	26 43.75	17 16 9.8	80 16	
163	96	(9.3)	43.73	[10 ±]	279 46	
167	98	8.5	43.83	10.3	279 46	
47	69.94	9-10	26 52.51:	19 53 41.9:	282 22	4 Fäd., einer
55	70.00	h.9-10	52.88:	36.7:	77 38	[−0.s66 abw.
48	69.94	9	26 52.95	15 18 34.0	277 48	
53	97	s.8-9	52.88	34.3	82 14	
153	70.85	9.3	26 56.66	20 10 28.6 (½)	77 22	
168	98	9.1	56.59 (½)	30.1 (½)	282 40	
47	69.94	s.7-8	27 7.30	19 44 36.8	282 14	
50	95	—	7.28	38.0	77 48	
54	70.00	s.8	27 24.86	18 6 2.9 (½)	79 26	
161	90	[wie 9.4]	24.86 (½)	0.6 (½)	280 36	»werthlos«
167	98	8.8	24.97	1.2 (½)	280 36	
54	70.00	s.9	27 49.52	18 2 15.2	79 30	
166	97	9.2	49.40	14.2	280 32	
49	69.95	8-9	27 54.94	18 23 37.2	280 54	
51	95	h.8-9‥s.8	55.06	35.8	79 8	
47	69.94	h.9	28 14.37	20 3 55.0	282 34	
50	95	[8? Cirri]	14.49	56.1	77 28	
49	69.95	8-9	28 19.27	18 12 14.5	280 42	
51	95	8-9	19.23 (½)	16.0	79 20	3 F.
49	69.95	9	28 20.07	18 52 22.3	281 22	
51	95	9	20.18	20.9	78 40	
49	69.95	8-9	28 21.59 (½)	18 12 40.6	280 42	3 F.
51	95	8-9	21.59 (½)	39.6	79 20	3 F.
48	69.94	h.9	28 38.20	15 49 49.1	278 20	
53	97	h.9	38.12	48.6	81 42	
54	70.00	9	28 38.64	16 53 36.8	80 38	
166	97	9.0	38.59	37.7 (½)	279 24	
47	69.94	9	29 4.98	18 23 48.6	280 54	
55	70.00	9‥h.9	4.88	47.5	79 8	
152	70.82	8.5	29 18.71 (½)	20 15 58.1 (½)	77 16	
166	97	8.7	18.72	57.0	282 46	
48	69.94	s.7-8	29 19.52	15 53 5.9	278 22	
53	97	7-8	19.43	7.3	81 38	
54	70.00	s.9	29 44.35	16 19 22.1	81 12	Z. 49: 9-10m, 51: s.9m
49	69.95	9-10	29 44.40	16 20 13.0	278 50	
51	95	s.9	44.43	10.6	81 12	
54	70.00	h.9-10	44.38	11.9	81 12	
48	69.94	s.8-9	30 47.12	15 49 35.1	278 18	
53	97	s.8-9	47.12	34.3	81 42	
47	69.94	9	30 50.95	17 29 8.0	279 58	
50	95	8-9?	—	8.0	80 2	
152	70.82	8.5	50.90	7.7	80 4	
53	69.97	9	31 18.79	18 12 44.1	79 20	
166	70.97	9.0	18.96	45.6	280 44	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0^h			
152	70.82	8.0	$31^m47^s.81$	19° 1′ 3″.7	78°32′	
167	98	8.5	47.82	4.8 (½)	281 32	
168	98	8.6	47.85	3.8 (½)	281 32	
48	69.94	h.9	31 59.79	18 21 7.5	280 50	
53	97	9	59.67	7.2	79 12	
47	69.94	h.9	32 27.64	20 7 8.6	282 36	
56	70.00	s.9	27.60	7.2	77 24	
47	69.94	9	33 4.85	19 40 24.9	282 10	
56	70.00	9	4.87	25.5	77 52	
51	69.95	s.9	33 8.64	17 12 15.2	80 20	
166	70.97	9.2	8.63	15.4	279 42	
48	69.94	s.7-8‥h.8	33 45.13	15 8 16.7	277 38	
53	97	h.8	45.00	16.3	82 24	
54	70.00	s.9	33 52.58 (½)	19 47 18.4	77 46	2 F.
48	69.94	s.8	33 55.00	15 53 56.7	278 24	
53	97	8-9	55.00 (½)	56.3 (½)	81 38	
48	69.94	s.9	33 58.02	15 35 50.1	278 6	
53	97	h.9-10	57.98	49.0	81 56	
47	69.94	h.9	34 24.58	19 45 50.6	282 14	
54	70.00	8-9	24.58	47.5	77 46	
56	00	h.9	24.60	49.3	77 46	
49	69.95	8-9	34 42.82	18 42 52.2	281 12	
51	95	8-9	42.79	53.3	78 50	
55	70.00	9	34 49.45	16 16 51.2	81 16	
166	97	8.7	49.49	51.5	278 48	
152	70.82	8.8 (W.?)	34 53.87 (½)	17 0 38.9 (½)	80 32	
166	97	9.0	53.87	38.9	279 32	
54	70.00	h.8	35 7.11	19 27 11.9	78 4	
167	98	8.3	7.06 (½)	10.7 (½)	281 58	
168	98	8.3	7.03 (½)	11.0 (½)	281 58	
55	70.00	s.9	35 12.64	16 15 48.3	81 16	
166	97	8.9	12.64	47.3	278 46	
55	70.00	s.9	35 18.78 (½)	17 10 12.4 (½)	80 22	
166	97	9.2	18.90	11.7	279 40	
47	69.94	h.9	35 20.71	19 44 20.6	282 14	
56	70.00	h.9‥s.8-9	20.82	19.7	77 48	
49	69.95	9	35 24.74	19 30 3.6	282 0	
51	95	9	24.85	4.3	78 2	
48	69.94	s.9	35 39.39	15 55 14.6	278 24	
53	97	s.9	39.43	13.8	81 38	
47	69.94	9	35 55.65	19 22 42.5	281 52	
54	70.00	9	55.79	41.8	78 10	
47	69.94	s.8-9	36 18.20	20 5 26.8	282 34	
54	70.00	9	18.07: (½)	24.8: (½)	77 26	
48	69.94	7	36 20.65	15 58 46.7	278 28	
53	97	s.6-7	20.53 (½)	48.6 (½)	81 34	
49	69.95	8‥s.8	37 0.17	16 40 18.7	279 10	
51	95	8-9	0.21	19.1	80 52	
152	70.82	9.0	37 2.78	20 8 48.4	77 24	
166	97	9.1	2.86	48.7 (½)	282 40	
49	69.95	h.9	37 21.15	18 49 46.3	281 20	
51	95	h.9	21.32	45.8	78 42	
48	69.94	...*	37 26.83	15 59 45.5	278 30	* h.9-10‥9-10
53	97	s.9	26.86	45.3	81 32	
49	69.95	8	37 34.33	17 14 41.4	279 44	
51	95	h.8	34.39	41.9	80 18	
47	69.94	8-9	38 5.06	19 46 7.9	282 16	
54	70.00	8-9	5.06	7.6	77 46	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0^h			
47	69.94	9	$38^m 23^s.65$	19°20′17″.7	281°50′	
54	70.00	9	23.72	17.7	78 12	
48	69.94	9-10	39 3.40	17 45 41.3	280 16	
53	97	s.9	3.49	42.2	79 46	
48	69.94	9-10	39 10.36:(½)	17 57 13.4:(½)	280 26	
53	97	s.9	10.30	13.2	79 34	
47	69.94	h.8-9	40 2.01	19 31 46.1	282 2	
55	70.00	8-9	1.88	47.0	78 0	
48	69.94	h.9-10	40 4.69	17 31 40.5	280 0	
53	97	s.9	4.70	39.3	80 0	
47	69.94	9	40 29.50	19 43 44.1	282 14	
152	70.82	9.0	29.38	43.2	77 48	19°123 $9^m.3$
152	70.82	8.9	40 30.46	17 10 36.5	80 22	
166	97	9.1	30.53	35.4	279 42	
49	69.95	6-7‥s.6-7	40 37.41	18 53 42.7	281 24	
51	95	s.7	37.42	42.3	78 38	
152	70.82	9.1	40 46.60	17 55 31.3	79 38	
166	97	8.8 sic	46.73	31.2	280 26	
49	69.95	h.8‥s.7-8	40 58.92	18 13 5.5	280 42	
51	95	s.8	58.90	5.7	79 20	
153	70.85	9.1	41 3.01	19 19 11.8	78 14	
168	98	9.3	2.89	12.2	281 50	
153	70.85	6.5	41 17.04	20 14 32.3	77 18	bei ∂ s. unr.
168	98	7.3	17.01	30.7	282 44	
56	70.00	h.9‥s.8-9	41 18.74	16 16 38.1	81 16	
167	98	9.0	18.84	39.0	278 48	
49	69.95	s.8	41 32.75	18 48 2.7	281 18	
51	95	8‥s.8	32.73	3.5	78 44	
153	70.85	9.2	42 0.05	17 21 18.6	80 12	
166	97	9.2	0.08	17.9	279 52	
152	70.82	7.4	42 9.73	18 0 18.2	79 32	
166	97	8.0	9.87	18.1	280 30	
49	69.95	8	42 12.28 (½)	19 31 59.6 (½)	282 2	
51	95	8	12.30	58.4	78 0	
56	70.00	8	42 13.31	17 37 54.3	79 54	
167	98	8.3	13.30	53.2	280 8	
168	98	7.9	13.31	54.7 (½)	280 8	
55	70.00	5	42 24.76 (2)	16 15 56.9 (2)	81 17[1]	
167	98	5 gz. zfl.	24.77	56.1	278 46	
169	99	(6.7)	24.64	56.4	278 46	
56	70.00	s.9	43 8.11	15 17 34.8	82 14	
167	98	9.3	8.31	33.2 (½)	277 48	
168	98	9.3	8.20	33.2 (½)	277 48	
56	70.00	9	43 33.26	15 53 35.6	81 38	
166	97	9.1	33.01	35.9	278 24	
47	69.94	8-9	43 52.89	19 13 57.3	281 44	
152	70.82	9.0	52.89	56.3	78 18	
153	85	9.0	52.88	57.6	78 18	
48	69.94	h.8-9	44 3.75 (½)	16 18 36.6 (½)	278 48	
53	97	8-9	3.74	38.2	81 14	
49	69.95	h.9	44 4.60	18 6 10.5	280 36	
51	95	9	4.69	9.0	79 26	
47	69.94	8-9	44 33.76	19 45 6.6	282 14	Z. 56: $8\text{-}9^m$
152	70.82	[wie 9.2]	33.76 (½)	5.2 (½)	77 48	
153	85	9.0	33.83	6.8	77 48	
49	69.95	h.9	44 40.08	18 7 5.5	280 36	
51	95	s.8-9	39.98	5.0	79 26	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0^h			
48	69.94	h.9	$44^m 45^s.74$ (½)	18° 4′ 4″.8	280°34′	α etw. uns.
49	95	9	45.55	4.6	280 34	
51	95	9	45.60	5.4	79 28	
53	97	9	45.62	5.7	79 28	
47	69.94	8‥h.8	45 16.65 (½)	16 2 8.7 (½)	278 32	
56	70.00	8	16.62	10.0	81 30	
48	69.94	9‥s.9	45 52.07	16 59 4.5	279 28	
53	97	9	52.17:(½)	4.3:(½)	80 34	
49	69.95	s.8‥h.8-9	46 10.48	18 17 1.4	280 46	
51	95	s.8	10.45	1.8	79 16	
47	69.94	h.8-9	46 11.79	19 23 55.6	281 54	
153	70.85	8.7	11.71	56.3	78 8	
153	70.85	8.7	46 21.88 (½)	17 25 41.4 (½)	80 6	
166	97	8.8	21.98	41.7	279 56	
166	70.97	9.3	46 27.76	17 47 11.1	280 18	
170	99	9.3	27.79	11.7	79 46	zl. gut
171	71.00	9.3	27.85 (½)	11.3 (½)	79 46	schwierig
49	69.95	s.9	46 35.15	18 28 10.5	280 58	
51	95	9	35.28	10.9	79 4	
49	69.95	s.7-8	46 40.00	19 5 16.9	281 34	
51	95	7-8	40.08	17.4	78 28	
48	69.94	8	46 51.89	18 24 54.2	280 54	
53	97	8	51.81	54.5	79 8	
56	70.00	h.8	46 55.01	17 42 52.8	79 50	
166	97	7.8	54.98	52.9	280 14	
153	70.85	8.6	46 57.90	18 30 34.4 (½)	79 2	
166	97	8.8	58.01	35.4 (½)	281 2	
56	70.00	h.9	47 30.77	18 9 58.6	79 22	
167	98	8.8	30.64	57.9	280 40	
169	99	9.2	30.69	58.4	280 40	
47	69.94	8	47 31.98	19 24 10.1	281 54	
170	70.99	[=9, W.]	31.91	10.1	78 10	
171	71.00	8.4	32.06	9.5	78 8	
49	69.95	s.9	47 51.15	19 2 17.9 (½)	281 32	
51	95	9	51.18	19.9	78 30	
153	70.85	6.5	47 58.23 (½)	18 30 36.4 (½)	79 2	
166	97	6.0	58.27	37.4 (½)	281 2	
167	70.97	8.9	48 18.81	18 47 40.2	281 18	
169	99	9.3	18.78	40.2	281 18	
170	99	9.1	18.94	38.0	78 46	
173	71.02	9.0	18.98	39.4 (½)	281 18	
56	70.00	8-9	48 24.91	18 59 30.3	78 32	
167	98	9.0	24.99	30.5 (½)	281 30	
169	99	(10)	24.78 (½)	30.1 (½)	281 30	
173	71.02	8.9	24.98	30.8 (½)	281 30	
48	69.94	s.9	48 25.47	15 53 23.6	278 22	
53	97	s.9	25.40	22.3	81 38	
167	70.97	8.0	48 32.58	16 14 0.0 (½)	278 44	
169	99	(wie 9.2)	32.66 (½)	13 57.9 (½)	278 44	zieml.
170	99	8 *	32.41	58.0	81 20	* bei Beob. W.
171	71.00	8.3	32.51	57.2	81 18	
166	70.97	8.8	48 35.74	17 33 56.9	280 4	
170	99	9.0	35.87	57.5	80 0	
47	69.94	8-9	48 37.04	19 37 25.5	282 6	
170	70.99	[= 9.3 *]	37.08	26.4	77 56	* nachher $9^m.0$
171	71.00	8.5	37.11	26.9	77 56	
49	69.95	s.9	48 39.96	18 15 39.9	280 46	
51	95	s.9	40.01	41.9	79 16	
48	69.94	9‥s.9	48 41.46	15 31 59.2	278 2	
53	97	9	41.60	32 0.8	82 0	eilig

[1] 2 Abl. von 81°16′, 1 von 81°18′

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0h			
47	69.94	h.9	48m 47.27s	19° 11′ 40.5″	281 [illegible]	
153	70.85	8.6	47.21	40.5 (½)	78 22	
47	69.94	h.9	49 10.31	19 20 27.1	281 5[illegible]	
153	70.85	8.7	10.30	26.4	78 12	
48	69.94	[illegible]	49 38.54 (½)	15 58 47.7	277 28	
53	97	8.9	38.54	49.1	82 32	
49	69.95	9	49 46.16	17 25 31.1	279 56	
51	95	8.9	46.08	31.9	80 6	
47	69.94	9–h.9	49 56.67	19 17 4.8	281 47	
153	70.85	9.9	56.69	4.0	78 14	
56	70.00	8.9	50 2.92	17 17 4.1	80 14	
166	97	8.2	2.88	3.1 (½)	279 48	
56	70.00	8	50 8.77	17 2 58.8	80 28	
166	97	8.2	8.81	58.8	279 34	
56	70.00	9–s.9	50 12.73	17 17 0.5	80 14	
166	97	9.0	12.71	0.6	279 48	
47	69.94	s.8-9	50 24.56	19 43 41.8	282 14	
171	70.00	9.0	24.64	41.6 (½)	77 48	
153	70.85	8.4	50 32.03	19 11 57.3	78 2[illegible]	
167	70.98	8.2	32.09	57.8	281 12	
169	99	10.41	32.15 (½)	56.3 (½)	281 42	
49	69.95	s.8-9	50 32.88	17 35 13.8	280 4	
51	95	8-9	32.85	14.0	79 56	
47	69.94	s.8-9	50 38.54	19 44 53.0	282 14	
170	70.99	[= 9.4]	38.56 (½)	54.0 (½)	77 48	
171	71.00	8.9	38.57	52.6	77 48	Bel. c. z hell
48	69.94	8-9–h.8-9	50 42.63	15 40 19.7	278 2[illegible]	
53	97	8-9	42.63	20.1	81 52	
48	69.94	s.8-9	50 48.83	15 28 52.8	277 58	
53	97	h.9	48.79	52.0	82 4	
166	70.97	9.1	50 55.13	17 56 24.2	280 26	
171	71.00	9.1	55.17	25.7	79 36	
167	70.98	9.3	51 9.13	15 22 30.6	277 52	
170	99	9.4	9.16	30.2	82 1[illegible]	
171	71.00	9.2	9.11 (½)	30.3 (½)	82 10	
153	70.85	8.8	51 13.40	19 24 21.6	78 8	19°15.6 9m.2
167	97	9.1	13.36	23.2	281 51	9.3
153	70.85	9.0	51 20.23	17 28 5.0	80 4	
167	97	9.3	20.15	5.4 (½)	279 58	
56	70.00	s.9–h.9-10	51 23.25	17 41 50.5	79 50	
166	97	9.4	23.25	50.7 (½)	280 12	∂ etw. uns.
49	69.95	9	51 47.19	19 5 28.4	281 34	
51	95	s.8-9–h.9	47.34	27.6	78 26	
48	69.94	8–s.8	51 56.08	15 38 15.1	278 8	
53	97	8	56.18	15.3	81 54	
47	69.94	8-9	52 11.62	19 52 5.6	282 22	
56	70.00	s.8-9	11.77	6.1	77 40	
49	69.95	9	52 25.00	16 13 55.5	278 44	
51	95	9	25.05	56.1	81 18	
48	69.94	h.8-9	52 59.41	15 26 28.2	277 56	
53	97	h.8-9	59.40 (½)	30.8	82 6	
47	69.94	h.8-9	53 6.06	19 57 50.9	282 28	
56	70.00	s.8	5.97	52.5	77 34	
153	70.85	7.2 orge	53 38.08	17 31 36.7	80 0	
166	97	7.5	38.22	37.0 (½)	280 2	
49	69.95	7-8	53 44.30	16 33 10.6	279 2	
51	95	7-8	44.35	10.6	81 0	
47	69.94	9	53 47.11	19 43 53.6	282 14	
153	70.85	8-9	46.96	53.4	77 48	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0h			
[illegible]	[illegible]	[illegible]	53m 51.05s	18° 1′ 12.8″	79 30	
166	97	[illegible]	51.14	2.1	280 32	
47	[illegible]	[illegible]	53 54.04	19 37 10.0	282 6	
170	[illegible]	[illegible]	54.05 (½)	10.8 (½)	77 50	
[illegible]	[illegible]	[illegible]	54 2.88	16 47 34.0	80 44	
167	[illegible]	[illegible]	2.88	35.0 (½)	279 18	
49	[illegible]	[illegible]	[illegible]	17 51 4.2	280 20	
51	[illegible]	[illegible]	[illegible]	4.0	79 42	
48	[illegible]	[illegible]	[illegible]	15 50 15.3	278 28	
53	[illegible]	[illegible]	[illegible]	15.1	81 32	s. unr
56	[illegible]	[illegible]	[illegible]	17 9 55.8 (½)	80 22	
166	97	[illegible]	[illegible]	55.8	279 40	
49	[illegible]	[illegible]	[illegible] 47.88	17 51 48.7	280 22	
51	[illegible]	[illegible]	47.83	48.3	79 40	
47	[illegible]	8	55 13.70	19 9 44.4	281 38	
153	[illegible]	[illegible]	13.80	48.4	78 22	
[illegible]	[illegible]	[illegible]	55 32.10	16 58 4.3	279 28	
171	[illegible]	[illegible]	[illegible]	3.3	80 34	
153	[illegible]	[illegible]	55 [illegible]	18 23 40.5	79 8	s. schwank
[illegible]	[illegible]	[illegible]	[illegible]	47.8	280 54	
[illegible]	[illegible]	[illegible]	[illegible]	17 [illegible] 43.1	279 30	
171	99	[illegible]	[illegible]	43.5	80 32	
[illegible]	[illegible]	[illegible] W	[illegible] 25.[illegible] (½)	15 27 55.1 (½)	277 58	
157	[illegible]	8.1	25.[illegible]	56.4	277 58	
171	[illegible]	[illegible]	25.31	50.1	82 6	
47	[illegible]	[illegible]	[illegible]	19 53 53.9	282 22	
153	[illegible]	[illegible]	[illegible]	55.0	77 38	
153	[illegible]	7.4	[illegible]	18 10 55.5	79 22	
166	97	[illegible]	14.53	55.7	280 12	
167	[illegible]	9.2	[illegible]	16 28 42.0	279 0	
170	[illegible]	9.1	[illegible]	42.4	81 4	
168	[illegible]	9.2	56 52.14	17 56 8.2	280 26	
170	[illegible]	9.3 [illegible]	52.12	9.3	79 36	
153	70.85	8.8	57 2.24	18 12 46.4	79 20	
166	97	9.2	2.29	48.4	280 44	
47	69.94	9	57 15.06	20 6 54.2	282 36	
170	[illegible]	9.0	15.06 (½)	54.6 (½)	77 20	
49	69.95	h.9	57 50.88	18 42 20.9	281 12	
51	95	h.9	50.83	23.0	78 50	
47	69.94	8	58 10.40	18 13 29.1	280 42	
56	70.00	h.8	10.40	27.8	79 18	
48	69.94	[illegible]	58 18.37	15 31 15.4	278 4	
53	97	h.8	18.32	16.6	81 58	
49	69.95	7-8	58 32.87	18 31 38.2	281 2	
51	95	[illegible]	32.81	38.4	79 0	
153	70.85	8.9	58 40.61 (½)	17 0 54.3 (½)	80 32	
157	88	[illegible]	40.67	54.0	279 32	
47	69.94	8-9	59 5.43	17 14 54.3	279 44	
153	70.85	8.6	5.29	52.9	80 18	
56	70.00	h.9	59 7.40	16 24 45.0	81 6	
157	88	9.1	7.42	44.3	278 56	Bel. c. z hell
56	70.00	[illegible]	59 31.24	17 3 51.1	80 28	
156	88	8.8	31.27	49.2	279 34	
157	88	8.8	31.34	51.6	279 34	
48	69.94	8-9	59 45.34	15 38 39.1	278 8	
53	97	s.8-9	45.24	39.1	81 54	
49	69.95	8	59 49.94	18 44 19.9	281 14	
51	95	8	49.90	22.2	78 48	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			0^h			
48	69.94	9	59ᵐ52ˢ.11	15° 56′ 39″.0	278° 26′	
53	97	9	52.11	39.6	81 36	
48	69.94	h. 9	59 56.70	15 41 37.7	278 12	
53	97	8-9	56.69 (½)	39.7	81 50	
			1^h			
49	69.95	9-10	0 13.40 (½)	17 18 35.6	279 48	3 F.[1]
51	95	9-10	13.43	34.3	80 14	
56	70.00	9‥s. 9	0 14.37	17 2 2.7	80 30	
157	88	9.1	14.49	0.9	279 32	
47	69.94	h. 7-8	0 26.52	19 28 54.4	281 58	
153	70.85	7.1	26.38	54.8 (½)	78 4	
47	69.94	8	0 55.21	19 53 36.7 (½)	282 22	
170	70.99	[= 9.5]	55.11 (½)	[33 ±]	77 40	
171	71.00	8.4	55.17	38.2 (½)	77 40	
49	69.95	8-9	1 5.17	17 30 36.8	280 0	
51	95	8-9	5.09	37.2	80 2	
47	69.94	h. 6-7	1 14.96	20 4 26.0	282 34	
153	70.85	5.7	14.92	26.2 (½)	77 28	
48	69.94	8‥s. 8	1 15.36	15 11 44.9	277 42	
53	97	s. 8	15.33	47.7	82 20	
156	70.88	8.5	1 17.70	16 44 42.0	279 14	
170	99	s. 8[2]	17.68	41.7	80 48	
171	71.00	7.9	17.57	41.6	80 48	
156	70.88	9.2	1 21.14	17 6 31.0	279 36	
157	88	9.0	21.10	32.8	279 36	
171	71.00	9.2	21.01	34.2 (½)	80 26	
56	70.00	9‥s. 9	1 27.13	16 31 7.1	81 0	
157	88	9.0	27.20	6.9 (½)	279 2	
56	70.00	8-9	1 50.46	16 59 11.0	80 32	
156	88	9.0	50.43	11.2	279 30	
48	69.94	8‥s. 8	1 56.70	15 7 23.0	277 38	
53	97	s. 8-9	56.66	24.1	82 24	
49	69.95	s. 8	2 42.83	18 16 26.6	280 46	
51	95	s. 8	42.77	27.8	79 16	
56	70.00	h. 9-10	3 2.05	19 20 46.4	78 12	
49	69.95	h. 6	3 8.36	18 59 26.7	281 28	
51	95	h. 6-7	8.34	28.2 (½)	78 32	
47	69.94	9‥s. 9	3 14.76	19 22 10.8	281 52	
56	70.00	9‥s. 9	14.79	9.5	78 10	
47	69.94	s. 9	3 16.30	19 37 9.5	282 6	
153	70.85	9.1	16.25	9.2	77 56	
153	70.85	8.3	3 23.03	19 10 13.9	78 22	
159	90	8.4	23.02	13.3	281 40	
153	70.85	9.1	3 29.18	17 55 33.8	79 36	
157	89	9.2	29.24	34.3	280 26	
156	70.88	7.4	3 33.80	15 0 30.2	277 30	
170	99	5.5 ±	33.89	30.6	82 32	
48	69.94	s. 9-10	3 42.16	15 55 33.7	278 24	Bem.[3]
53	97	9-10	—	33.9	81 36	Bem.[4]
171	71.00	{ 9.2	40.78	36.8	81 38	}[5]
		{ 9.5	42.19	35.7	81 38	s. schwier. }[5]
153	70.85	8.5	3 44.72	17 30 39.7	80 2	
159	90	8.0	44.65	40.9	280 0	
156	70.88	9.4	3 52.57	15 0 8.1	277 30	
157	88	9.2	52.61	7.8	277 30	
170	99	8.8	52.49 (½)	8.2	82 32	3 F.

[1] Zeichen : in Or.; fraglich ob dasselbe sich auf den Ort oder nur auf die Grösse beziehen soll [2] Bei Beob. des Orts nur = 9ᵐ [3] s. 9-10‥h. 10ᵐ 1ˢ.5 v. 1″ N. [4] Seq.: RA. wegen des pr., bei der Schwäche beider, nicht zu beobachten [5] Dpl. 12″ 90° ±

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			1^h			
49	69.95	8‥h. 8	3ᵐ54ˢ.61	18° 10′ 18″.6	280° 40′	
51	95	s. 8	54.57	19.0	79 22	
56	70.00	9-10	4 8.30	16 16 24.4: (½)	81 16	
166	97	9.2	8.30	28.5	278 46	
153	70.85	8.7	4 19.20	17 43 35.8	79 50	
159	90	8.6	19.18	36.6	280 14	
166	70.97	8.3	4 25.77	16 6 42.6	278 36	
170	99	8.2	25.76	43.2 (½)	81 26	Bem.[6]
168	70.98	9.2	4 31.68	15 54 8.4	278 24	
170	99	8.5	31.85	10.6	81 38	
171	71.00	8.8	31.83	11.0	81 38	
56	70.00	s. 8-9	4 42.62	19 14 6.0	78 18	
167	98	8.8	42.46	6.5 (½)	281 44	
169	99	. . .*	42.53 (½)	6.4 (½)	281 44	Bem.[7]
153	70.85	9.2	5 18.32 (½)	19 17 32.2 (½)	78 16	
167	98	9.3	18.51	31.3	281 48	
168	98	9.4	18.42 (½)	30.2 (½)	281 48	nicht gut
47	69.94	9	6 5.29	19 50 13.4	282 20	Bel. zu hell
56	70.00	s. 9‥h. 9-10	5.50	13.2	77 42	
53	69.97	h. 8-9	6 11.20	16 6 1.1	81 26	
156	70.88	[9 W.]	11.23	0.5	278 36	
157	88	8.2	11.31	0.1	278 36	
49	69.95	s. 9	6 13.15 (½)	16 14 33.0 (½)	278 44	etwas uns.
51	95	h. 9-10	13.04	34.7	81 18	
153	70.85	9.3	13.07	34.6 (½)	81 18	
47	69.94	9	7 19.37	19 35 19.0	282 4	
153	70.85	9.2	19.43	20.6	77 58	
53	69.97	9-10	7 19.85:: (½)	15 49 53.7:: (½)	81 42	
157	70.89	9.3	20.04	59.3	278 20	
56	70.00	s. 9	7 21.97	19 54 59.8	77 38	1 F. —0ˢ.56 abw.
157	88	9.1	22.14	59.5	282 26	
53	69.97	6	7 29.38	15 28 17.4	82 4	
156	70.88	7: W.	29.32	17.2	277 58	
49	69.95	h. 8	7 43.13	18 27 51.3	280 58	
51	95	8	43.09 (½)	51.3 (½)	79 4	
47	69.94	9	8 3.07	19 36 2.0	282 6	
56	70.00	9-10	2.91 (½)	4.7	77 56	3 F.
47	69.94	h. 7-8	8 45.41	19 45 12.7	282 14	
56	70.00	7	45.39	12.0	77 46	
47	69.94	h. 7-8	9 9.22	19 50 30.4	282 20	
153	70.85	7.1	9.18	30.0	77 42	
49	69.95	s. 9	9 14.58	17 3 48.6	279 34	
51	95	9-10	14.63 (½)	48.3 (½)	80 28	Fäd. st. schl.
153	70.85	9.1	14.58	48.4	80 28	
157	88	9.3	14.59	48.5	279 34	
159	90	9.0	14.57	47.6	279 34	
53	69.97	h. 8	9 16.59	15 31 46.0	82 0	
156	70.88	8: W.	16.72	47.3	278 2	
153	70.85	8.3	9 31.02	16 58 26.4 (½)	80 31	
157	89	8.5	31.10	26.8	279 28	
156	70.88	k. sichtb.	9 34.20 (½)	16 10 6.1 (½)	278 40	Hgl. —ˢ.073
157	88	7.5 s. unr.	34.18	6.3	278 40	
170	99	7.8	34.11	6.0	81 22	
53	69.97	8-9	9 36.41	15 30 24.8	82 2	
156	70.88	[wie 9]*	36.52	24.4	278 0	* Wolken
49	69.95	8-9	9 39.54	18 9 44.2	280 40	
51	95	9	39.42	44.2	79 22	

[6] 2 Sterne h. 9-10ᵐ etwa 20″ v. 3″.5 N. (Z 170, 171)
[7] Erst s. 9ᵐ, bei Beob. schwächer. Hgl. —ˢ.073 ang.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.[1]	Bemerkungen
			1h			
153	70.85	8.9+	9m 52s.03	17° 51′ 30″.4	79° 40′	
159	90	8.4	52.34 (½)	41.1 (½)	280 22	
56	70.00	8	9 57.00	17 13 27.7	80 18	
157	88	9.0	57.07	29.1	279 44	
47	69.94	9	10 17.95	20 6 23.7	282 36	
170	70.99	9.0	18.01	25.1	77 26	
159	70.90	8.7	10 18.38	20 11 8.5	282 42	
170	99	8.8	18.42	10.0	77 22	
56	70.00	8-9	10 28.80 (½)	17 8 1.0	80 24	
156	88	9.3	28.70	7 51.2	279 38	
157	88	9.3	28.77	50.1	279 38	
159	70.90	8.6	10 38.83	20 10 12.3	282 40	
170	99	8.9	38.84	13.1	77 16	
53	69.97	s.8-9	10 40.81 (½)	15 41 42.2 (½)	81 50	
167	70.98	9.0	40.74	38.6	278 12	
169	99	9.2	40.80 (½)	37.4 (½)	278 12	
47	69.94	9	11 14.61	14 59 15.7	277 28	
53	97	8.9	14.57	16.4	82 32	
49	69.95	8.9	11 17.83	18 9 18.4	280 38	
51	95	8.9	17.94	18.1	79 22	
159	70.90	9.0	11 30.04	20 8 14.9	282 38	
170	99	9.1	30.03	14.6	77 24	
170	70.99	9.3	11 34.18	20 9 8.5	77 24	Z. 150. 9m3
153	70.85	7.7	11 41.16	17 55 4.5	79 38	
156	88	8.6	41.21	3.9	280 26	
56	70.00	h.9	11 44.82	16 43 7.9	80 50	
166	97	9.2	44.80	8.0	279 14	
166	70.97	9.1	12 6.03	18 37 51.2	281 8	
171	71.00	9.3	6.55	50.1	78 54	eng. dpl. 170c[1]
53	69.97	8.9-10	12 42.22 (¼)	16 0 53.8 (¼)	81 32	
166	70.97	9.4	42.17	55.3	278 32	
56	70.00	7.8	12 43.19	17 28 55.2	80 4	
166	97	7.6	43.17 (½)	54.5 (½)	280 0	
159	70.90	8.3	12 43.79	20 12 39.6	282 42	
170	99	8.7	43.74	40.9	77 20	
153	70.85	9.0	13 0.64	17 56 19.6	79 36	
156	88	9.0	0.67	20.0	280 26	
53	69.97	h.10	13 [17.86 ±]	15 12 [26 ±]	82 20	
157	70.88	9.5	17.92 (½)	26.4	277 42	3 F.
167	98	h.10	[18 3?]	[28.6 :]	277 42	
168	98	9.6	17.86	25.6 (⅓)	277 42	zl. gut
170	99	9.4	17.90	28.3	82 20	
159	70.90	9.2	13 31.60	20 15 21.0	282 40	
170	99	8.9	31.56	21.3	77 18	
56	70.00	h.8	13 39.44	17 27 55.3	80 1	
159	90	7.8	39.46	56.3	279 58	
53	69.97	7	14 1.32	15 2 23.5	82 30	
159	70.90	7.3	1.32	23.7	277 32	
55	70.00	s.8	14 6.52	17 33 —	80 —	
153	85	8.3 gz.zfl.	6.47	29.9	80 0	
159	90	8.3	6.62	30.2	280 4	
47	69.94	h.9	14 7.04	18 58 0.7	281 28	
153	70.85	9.0	7.12	0.6	78 34	
55	70.00	h.9	14 25.32	17 30 33.7	79 52	
56	00	8-9	25.43	33.4	79 52	
153	85	8.5 gz.zfl.	25.33	32.8	79 54	
156	88	9.0	25.37	33.4	280 10	
157	88	8.8	25.40	34.4	280 10	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			1h			
49	69.95	8.8	14m 43s.13	18° 21′ 40″.8	280° 52′	
51	95	8-8.8	43.05	40.8	79 10	
55	70.00	[illegible]	14 47.52 (¼)	17 30 8.9 (¼)	79 52	1 F.
156	88	9.3	45.24	9.5	280 10	
157	88	9.0	45.34	9.3	280 10	
170	99	8.7	45.33	11.1	79 54	
53	69.97	9	15 13.58	15 43 40.5	81 48	
157	70.88	8.9	13.65	41.2	278 14	
56	70.00	[illegible]	15 22.34	17 8 6.8 (½)	82 24	
156	88	[illegible]	22.30	6.9	277 38	
49	69.95	7.8	15 30.03 (½)	18 1 38.1 (½)	280 32	
51	95	7-8	30.03	38.3	79 30	
47	69.94	[illegible]	15 31.16	20 2 19.7	282 32	
170	70.99	8.8	31.20	19.9	77 30	
156	70.88	7.8	15 42.21	16 13 20.8	278 40	
170	99	7.7	42.08	21.0 (½)	81 22	
47	69.94	[illegible]	15 57.77	20 30 12.4	282 6	
153	70.85	8.7	57.78	13.4	77 56	
157	70.88	9.2	16 1.80	15 30 10.0	278 10	
56	70.00	h.7-8	16 [illegible]	16 32 20.5 (½)	81 0	
156	88	7.5	[illegible]	[illegible]	279 2	
49	69.95	s.8-9	16 27.12	19 14 27.3	282 24	
51	95	[illegible]	27.43	28.3	77 36	
53	69.97	h.8-9	16 28.12	15 38 53.6	81 54	
157	70.89	[illegible]	28.20	52.7	278 10	
47	69.94	h.7	16 39.90	19 18 55.3	282 18	etw. roth
51	95	8.6	39.87	55.0	77 44	
53	69.97	8-9	16 [illegible]	15 46 46.7	81 46	
157	70.88	9.2	52.81	45.7	278 18	
170	99	8.6	52.60 (½)	47.2 (½)	81 40	
55	70.00	7	17 2.81	17 9 55.7	80 22	
156	88	7.0	2.79	58.3	279 40	
56	70.00	h.8	17 17.05	16 11 14.9	78 20	
157	88	8.7 gz.zfl	17.04	14.5	281 42	
49	69.95	9-h.9	17 22.09	18 28 0.5	280 58	
51	95	9-8.9	22.84	1.8	79 4	
47	69.94	8-8.8	18 0.74	19 30 17.0	282 0	
153	70.85	7.5	0.80	16.3	78 2	
55	70.00	8.9	18 5.71	17 51 14.0	79 40	
156	88	8.5	5.72	14.7	280 22	
49	69.95	8.9-9	18 10.24	18 24 59.0	280 54	
51	95	8.9	10.31	25 0.8	79 8	
56	70.00	s.8-9	18 27.34	16 21 52.0	78 10	
159	90	8.9	27.41	51.8	281 52	
47	69.94	8	18 33.40 (½)	19 41 50.0 (½)	282 12	
153	70.85	7.5	33.45 (½)	52.0 (½)	77 50	
56	70.00	7.8	18 38.19	15 36 —	81 56	
153	85	7.0	38.17	18.3	81 50	
157	88	7.2 gz.zfl	38.30	18.0 (½)	278 6	
55	70.00	h.9	18 40.86	20 0 40.1	77 32	
159	90	8.0	41.03	45.7	282 32	
156	70.88	9.3	19 9.05	16 17 21.5	278 48	
159	90	8.9	10.15	23.9 (½)	278 48	
170	99	9.0	10.08	23.8	81 16	
157	70.89	9.2	19 12.18	15 9 55.4	277 40	
170	99	9.0	12.26	55.2	82 22	
49	69.95	8.5	19 31.24	18 31 14.7	281 0	
51	95	8	31.17	15.4	79 0	

[1] Die Vermuthung der Duplicität hat sich nicht bestätigt

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			1^h			
156	70.88	8.7	$19^m35^s.12$	16° 28′ 42″.0 (½)	279° 0′	
170	99	8.4	35.09 (½)	42.0 (½)	81 4	
47	69.94	7	19 37.70 (2)	19 25 17.0 (2)	281 54	
153	70.85	6.6	37.62	17.5	78 8	
153	70.85	9.2	19 40.60	16 20 49.9	81 12	
157	89	9.2	40.67	48.8	278 52	
49	69.95	s.9	19 47.02	18 38 47.4	281 8	
51	95	9‥s.9	46.92	48.2	78 54	
55	70.00	h.8-9	19 47.91	17 33 9.5	80 0	
156	88	8-9	47.98	9.1	280 4	
157	88	8.7	47.95	9.2	280 4	
49	69.95	5	19 56.81	18 35 31.7	281 4	
51	95	5‥h.5	56.69	31.0	78 56	
56	70.00	8-9	20 14.13	15 45 26.9	81 46	
156	88	9.0	14.17	28.5	278 16	
47	69.94	s.8	20 51.14	16 8 19.6	278 38	
55	70.00	8-9	51.13	18.8	81 24	
56	70.00	8	21 19.46 (½)	15 20 31.2 (½)	82 12	
156	88	8.2	19.40	30.3	277 50	
49	69.95	7	21 40.92	16 25 55.5	278 54	
51	95	h.7-8	40.91	55.5	81 6	
49	69.95	9	21 48.28	16 15 5.4	278 44	
51	95	h.9	48.20	6.1	81 18	
55	70.00	9	48.20	4.1	81 16	
47	69.94	9	22 26.10	19 25 17.3	281 54	
56	70.00	9	25.96 (½)	17.3 (½)	78 8	
47	69.94	8	22 36.49 (½)	19 50 2.9 (½)	282 20	
153	70.85	7.3*	36.45 (½)	2.5	77 42	* orange
56	70.00	8‥s.8	22 58.52	16 27 8.2	81 6	
156	88	8.0	58.60	7.0	278 58	
55	70.00	6-7	23 8.05	17 42 30.4	79 50	
156	88	6.5	7.99	30.3	280 12	
49	69.95	s.9	23 13.73	19 2 48.4	281 32	
51	95	9-10	13.55	49.2: (½)	78 30	
55	70.00	h.9‥s.8-9	23 35.10	16 17 28.2	81 14	
159	90	8.8	35.21	28.6	278 48	
57	70.01	s.8-9	23 36.25	15 35 8.3	81 56	
157	89	8.8	36.39	7.4	278 6	15°219 9m.2
57	70.01	s.9	23 38.96	15 34 33.2	81 58	
157	89	9.1	38.99	33.2	278 6	
57	70.01	s.8	24 8.39	14 57 34.2	82 34	
157	89	8.9	8.51	34.1	277 28	
153	70.85	9.2	24 8.81	16 20 48.9	81 12	
159	90	9.1	8.86	48.8	278 52	16°162 9m.2
166	70.97	9.1	24 14.51	19 1 45.8	281 32	
170	99	9.0*	14.57	45.8	78 32	* dunst.; Beob. eilig
153	70.85	7.5	24 30.68	16 30 27.7	81 2	
166	97	8.0	30.68	26.8	279 0	
156	70.88	9.4	24 30.77	18 2 44.4	280 32	
157	88	9.1	30.89	45.1	280 34	
170	99	9.2	30.81	45.1	79 30	eilig
156	70.88	8.5	24 31.51	17 53 42.8 (½)	280 24	
171	71.00	8.7	31.45	41.2	79 38	
153	70.85	8.5	24 34.25	16 55 19.1	80 38	
167	98	8.9	34.21	18.9	279 26	
169	99	8.5	34.39	19.2	279 26	
167	70.98	9.2	25 4.77	19 43 52.0	282 14	
171	71.00	9.1	4.67	49.4	77 50	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			1^h			
157	70.88	7.5	$25^m7^s.68$	14° 58′ 50″.0	277° 30′	
171	71.00	7.7	7.70	51.4	82 34	
159	70.90	8.0	25 12.90	15 24 28.4	277 54	
171	71.00	8.0	12.92	28.0	82 8	
153	70.85	7.0*	25 19.07	16 18 35.0	81 14	* röthlich
156	88	7.4	18.96	34.4	278 48	
153	70.85	8.5	25 36.05	16 35 27.5	80 58	
157	89	8.8	36.06	27.1	279 6	
153	70.85	9.0	25 59.88	16 19 39.5	81 12	
156	88	9.3	59.79	38.9	278 50	
166	97	9.2	59.93	38.8	278 50	
167	70.98	9.4	26 2.06	19 32 45.8	282 4	F. st. gz. schl.
171	71.00	9.4	1.97	47.0 (½)	78 0	
168	70.98	9.2	26 3.06	18 39 7.0	281 10	
172	71.00	9.3	2.81	7.5 (½)	78 54	bei Antr. k. s.
167	70.97	8.8	26 3.87	19 14 40.6	281 46	
170	99	8.0	3.92	40.3	78 18	eilig
167	70.97	9.1	26 10.34	19 20 15.4	281 50	
170	99	9.0	10.24	16.7	78 12	eilig
55	70.00	s.9	26 15.97	17 51 10.6	79 40	
156	88	9.2	15.93	11.7	280 22	
166	97	9.0	16.08	12.1	280 22	
56	70.00	9	26 19.84	20 5 52.9	77 26	
168	98	9.0	20.03	51.8	282 36	
57	70.01	9	26 21.56	15 3 14.4	82 28	
169	99	9.3	21.60	13.2	277 34	
159	70.90	8.5	26 24.96	18 51 1.3	281 22	
170	99	8.5	24.92	0.5	78 42	eilig
168	70.98	9.4	26 29.11	18 57 11.2: (½)	281 28	Bem.[1]
170	99	9.3	29.27	12.9 (½)	78 36	eilig
173	71.02	9.3	29.33 (½)	11.3 (½)	281 28	schwierig
169	70.99	9.2	26 34.15	15 35 35.4	278 6	
172	71.01	9.1	34.35	37.4 (½)	81 58	
153	70.85	8.5	26 46.48	17 0 15.3	80 32	
167	97	8.9	46.61	14.1 (½)	279 30	
57	70.01	8-9	26 54.18	15 29 19.2	82 2	
168	98	8.7	54.29 (½)	19.3: (½)	278 0	3 F.; st. ganz schl.[2]
169	99	8.6	54.19	19.3 (½)	278 0	
55	70.00	8	27 2.71	17 2 35.0	80 30	
156	88	8.3	2.71	34.3	279 34	
159	70.90	8.8	27 5.75	18 47 14.1	281 18	
171	71.00	8.7	5.75 (½)	13.0 (½)	78 46	
166	70.97	8.3	27 7.90	18 8 17.6	280 38	
170	99	8.5	7.83	17.5	79 24	
172	71.00	8.7	7.96 (½)	18.3 (2)	79 24	
57	70.01	9	27 9.56	14 57 39.9	82 34	
157	89	9.1	9.57	41.4	277 28	
56	70.00	9	27 18.52	15 7 41.8	82 24	15°235 9m
157	88	9.0	18.60	41.8	277 38	
57	70.01	h.7-8	28 0.85	19 31 58.7	78 0	
159	90	7.0	0.95	59.8	282 2	
153	70.85	9.2	28 2.58	20 6 41.0 (½)	77 26	
159	90	9.0	2.57	41.4 (½)	282 36	
55	70.00	7‥h.7	28 3.32	17 40 16.4	79 42	
156	88	6.9*	3.36	17.3	280 20	* röthlich
56	70.00	s.9	28 43.41	15 41 50.2	81 50	
157	88	9.0	43.55	49.2	278 12	

[1] Fäden stimmen schlecht; α 29s.27 (½)?

[2] α wohl zu corr. 54s.12, wegen des Zweifels besser ganz auszuschliessen

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			1h			
54	70.01	8-9	28m 58s.0[illegible]	19° 1' 5".[illegible]	77° 30'	
157	88	8.2	59.0[illegible]	5[illegible]	281 [illegible]	
55	70.00	h.7-8	29 [illegible].02	16 47 51.8	80 44	
156	88	7.0	[illegible].05	54.8	279 18	
54	70.00	h.9	30 19.40	20 3 16.7	77 28	
159	90	8.1	19.40([illegible])	15.2([illegible])	282 34	[illegible] 3.2 nach Schatz
55	70.00	8.9 W.[illegible]	30 30.10	17 34 33.0	79 58	
156	88	9.0	30.30 [illegible]	33.1	28[illegible]	
54	70.00	h.9	30 45.07	18 2 16.[illegible]	79 30	
157	88	8.9	45.0[illegible]	17.1	28[illegible] 32	
55	70.00	9-10	30 55.31	16 42	8[illegible]	1 F.
56	00	8.9	55.26(½)	[illegible]	80 50	
156	88	9.4	55.3[illegible]	28.2	279 14	
157	88	9.0	55.48	29.3	279 12	
54	70.00	h.8-9	32 11.51	16 35 28.7	80 56	
157	88	8.2	11.42	27.0	279 6	
55	70.00	h.9-10	32 18.62	17 26 22.5	80 6	
56	00	9	18.85	25.0	80 6	
156	88	9.2	18.87	12.0	279 50	
157	88	9.0	18.91	10.0	279 50	
54	70.00	9-10	32 23.3+	15 57 19.8	80 34	
56	00	h.9-10	23.28	19.1	80 34	
159	90	9.2	23.37	21.0	279 28	
57	70.01	h.7-8	32 31.25	15 59 25.2	81 32	
159	90	7.1	31.15	24.4	278 30	
55	70.00	7-8	32 56.20	15 36 14.0	81 16	
156	88	7.1	56.19	14.7	278 16	
56	70.00	8.9	33 18.08	18 49 0.4	78 22	
159	90	8.9	18.10	[illegible] 59.4	281 10	
57	70.01	9-10	33 40.76	16 27 24.4	81 4	dkl. Feld
153	85	9.2	40.70	28.6	81 [illegible]	
166	97	9.2	40.72	27.7	278 58	
55	70.00	8.9	33 47.13	17 14 14.3	80 18	
156	88	9.3	47.39	14.8	279 44	
157	88	8.9	47.28	13.7	279 44	
56	70.00	8.9	33 50.70	12 59 10.6	82 32	
166	97	8.6	50.66	10.0	277 30	
57	70.01	8-9	34 2.54	16 10 42.1	80 42	
157	89	8.9	2.42(½)	44.5(½)	279 20	
57	70.01	8	34 2.65	18 44 18.2	78 48	
159	90	7.5	2.72	16.1	281 14	
55	70.00	8.9	34 18.57	17 38 34.0	79 54	
153	85	9.0	18.33	30.3	79 54	
156	88	9.4	18.42(½)	38.1(½)	280 8	
157	88	8.0	18.42	35.0	280 10	
61	70.07	8	34 28.51	15 52 51.8	81 40	
166	97	8.0	28.60	50.6(½)	278 24	
57	70.01	s.8 h.8[illegible]	34 45.60	18 1 8.7	79 30	
167	98	7.9	45.60(½)	7.1(½)	280 32	
169	99	8.0	45.73(½)	7.3(½)	280 32	
54	70.00	s.8-9	34 48.34	20 5 47.8	77 26	20 269 9-10m
159	90	9.0	48.47	49.3	282 36	
54	70.00	h.8	34 50.51	19 11 35.1	78 20	
159	90	7.5	50.05	34.0	281 42	
61	70.07	8.9	34 55.73	17 37 20.8	79 56	
61	70.07	8.9	35 0.97	18 24 43.1	79 8	
167	98	9.3	1.09	43.5(½)	280 56	
169	99	9.1	1.18	44.7(½)	280 56	
57	70.01	9	35 7.01	15 55 1.4	81 36	
166	97	9.1	7.06	1.4	278 20	
			1h			
56	70.00	9	35m 26s.71	15° 16' 55".3	82° 14'	
157	88	8.7	26.52	54.7	277 48	
55	70.00	[illegible]	35 51.05	19 39 12.3(½)	77 42	[illegible]
156	88	9.2	51.26	17.8(½)	282 20	
54	70.00	[illegible]	36 12.80	19 30 39.0(½)	77 52	
159	90	[illegible]	12.[illegible]	39.0(½)	282 10	
56	70.00	8	36 43.02	15 8 49.1	82 22	
166	97	7.6	43.20	48.6	277 40	
56	70.00	[illegible]	37 1.1[illegible]	16 29 31.5	81 2	
156	88	[illegible]	1.22	31.7	279 0	
157	88	9.0	1.25	30.0	279 0	
57	70.01	[illegible]	37 [illegible]	17 4 59.9	80 26	
156	88	9.3	[illegible].71	5 1.4	279 30	
157	88	9.1	[illegible]	0.1	279 36	17 [illegible]
57	70.01	9	37 38.8[illegible]	16 26 8.2	81 6	
156	88	w. [illegible]	38.5[illegible]	4.8(½)	278 50	
157	88	9.2	38.[illegible]	6.0	278 50	
61	70.07	8[illegible]	37 [illegible].43	18 48 9.6	78 44	
166	97	8.8	[illegible]	10.1(½)	281 18	
54	70.00	h.8-9.10	38 [illegible]	19 13 41.8	78 18	
159	90	8.3	[illegible]	41.7	281 44	
61	70.07	[illegible]	38 [illegible]	19 27 29.5	78 4	
159	90	7.6	[illegible]	28.0(½)	281 58	
167	70.07	[illegible]	38 [illegible]	15 38 16.8	278 8	3 F.
169	99	9.2	[illegible]	18.6	278 8	
172	71.09	9.4	[illegible]	19.7(½)	81 54	
61	70.07	[illegible]	38 50.25	19 41 3.6	77 50	
167	98	[illegible]	50.23	3.3	282 12	
169	99	8.9	[illegible].38	4.2	282 12	
153	70.85	9.2	39 1.72(½)	[illegible] 5 28.2(½)	82 28	2 F.
166	97	9.1	1.72	25.2	277 36	
172	71.09	9.1	1.82	27.7(½)	82 26	15m 257 [illegible]
61	70.07	[illegible]	39 17.81	17 28 20.3	79 3	
168	98	9.1	17.87	20.1	280 55	
171	71.0[illegible]	h.10	39 20.30	15 31 5.0	81 54	
52	69.05	[illegible]	39 41.29	15 5 12.2	82 26	
166	70.97	[illegible]	41.25	10.8	277 36	
61	70.07	7	39 48.25	16 17 9.1	80 40	
156	88	w. 8	48.31	9.3	279 18	
57	70.01	9	39 50.14	16 52 14.2	80 40	
156	88	w. 9.4	50.04	13.7	279 22	
157	88	8.8	50.13	15.6	279 21	
61	70.07	s.8-9	40 15.08	18 3 10.8	79 30	
159	90	8.2	15.10	9.5	280 34	
55	70.00	9	40 23.53	16 39 45.3	80 52	
157	88	8.8	23.58	40.[illegible]	279 10	* verstellt?
54	70.00	8-9	40 25.07	19 41 8.2	77 50	
159	90	8.8	25.01	8.0	282 12	
56	70.00	8-9	40 38.42	16 44 30.1	80 48	
157	88	8.9	38.47	29.9	279 10	
57	70.01	8.9	40 58.62	18 50 10.6	78 42	
167	98	8.9	58.80	12.1	281 20	
168	98	8.8	58.77	12.1(½)	281 20	
55	70.00	h.9-10	40 58.44	17 31 —	80 0	
153	85	9.2	—	18.4(½)	80 2	
166	97	9.3	58.89	18.[illegible]	280 2	
171	71.00	8.8 s.[illegible]	58.93	16.7(½)	80 2	etwas uns.
172	00	9.2	58.61	17.2(½)	80 2	
61	70.07	9	41 24.21	16 19 57.0	81 12	
157	89	9.2	24.21	56.4	278 50	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			1^h			
61	70.07	7-8	$41^m 34^s.72$	$16° 23' 49''.2$	81° 8'	
157	89	7.8	34.68	50.1	278 54	
54	70.00	9	41 39.77	19 40 53.8	77 50	
159	90	9.0	39.80	52.4	282 12	
56	70.00	h. 8-9	41 45.35	16 44 37.5	80 48	
156	88	8.5	45.45	37.3	279 14	
52	69.95	8-9	41 46.22	15 41 42.8	81 50	
166	70.97	8.5	46.14	43.1	278 12	
52	69.95	8-9	41 48.25	15 40 57.9	81 50	
166	70.97	8.5	48.19	56.9	278 12	
54	70.00	9	41 55.47	19 27 48.9	78 4	
159	90	9.0	55.45	47.8	281 58	
57	70.01	s. 9-10	41 —	17 9 53.1	80 22	
153	85	9.4	—	53.5 (½)	80 22	
167	98	h. 10	58.81	51.3	279 40	
168	98	9.6	58.86:(½)	51.1:(⅓)	279 40	3 F.
171	71.00	9.7	58.63 (½)	49.1 (½)	80 24	
172	00	9.5	58.69	52.4	80 24	
57	70.01	h. 9	41 59.59 (½)	19 53 55.3 (½)	77 38	
167	98	9.1	59.60 (½)	54.3 (½)	282 24	
168	98	9.0	59.64 (½)	54.5 (½)	282 24	
52	69.95	h. 8.	42 9.14	15 45 16.1	81 46	
166	70.97	8.0	9.17	15.7	278 16	
54	70.00	h. 9	43 8.41	19 27 23.9	78 4	
159	90	8.9	8.53	22.7	281 58	
54	70.00	9-10	43 14.43 (½)	19 41 2.3::(½)	77 52	3 F.
159	90	9.3	14.80	4.8	282 12	
55	70.00	s. 9	43 15.39	18 43 39.3::(½)	78 48	
56	00	9	15.50	41.9	78 48	Bel. zu hell
156	88	9.5	15.52	39.7	281 14	
157	88	9.2	15.41	40.8	281 14	
52	69.95	9	43 51.88	19 15 2.4	78 16	
166	70.97	9.0	51.95	2.7	281 46	
55	70.00	h. 9	43 58.94	17 45 10.8	79 46	
156	88	9.2	59.07	9.8	280 16	
157	88	8.7	58.95	11.7	280 16	
54	70.00	h. 9	44 1.06	19 58 20.2	77 34	
159	90	8.5	1.20	18.7	282 28	
56	70.00	7-8	44 17.33	19 53 39.3 (½)	77 38	
159	90	7:*	17.23	39.4	282 24	* Bel. n. regul.
55	70.00	s. 8-9	44 43.34	17 53 16.6	79 38	
156	88	8.2	43.25	17.9	280 24	
55	70.00	8-9	44 51.27	17 10 47.9	80 20	
166	97	8.2	51.29 (½)	48.4 (½)	279 42	
52	69.95	8	44 52.27	15 46 44.6	81 44	
167	70.98	8.0	52.26	44.5	278 18	
168	98	8.5	52.28 (½)	43.6 (½)	278 18	
57	70.01	s. 9	44 52.80	16 42 2.4	80 50	1 F. 0ˢ.52 später
157	88	9.1	52.76	2.0	279 12	
57	70.01	h. 7	44 58.61	17 40 28.5	79 52	
166	97	7.4	58.68 (½)	28.3 (½)	280 12	
61	70.07	h. 8-9	45 8.98 (½)	16 27 37.5 (½)	81 5	
157	89	8.2	9.00	37.8	278 58	
56	70.00	s. 8 .. h. 8-9	45 38.37 (½)	19 9 0.7	78 24	
159	90	8.8	38.47	0.5	281 40	
57	70.01	9 .. h. 9	45 57.21	18 45 19.0 (½)	78 48	
159	90	9.0	57.23	18.3	281 16	
56	70.00	9 .. s. 9	46 11.83	14 58 43.4	82 34	
166	97	9.5	11.95	41.9	277 30	fast dkl. Feld
167	98	9.5 W.?	[11.68 ::]	[42.7 ::]	277 30	
168	98	9.2	11.84	44.2 (½)	277 30	
			1^h			
166	70.97	9.0	$46^m 25^s.27$:(½)	$17° 29' 17''.1$:(½)	280° 0'	fast dkl. F.[1]
167	98	9.2	25.34	18.0	280 0	
168	98	9.2	25.33 (½)	17.4 (½)	280 0	
61	70.07	h. 8-9 .. s. 8	46 32.74	16 26 58.5	81 6	
157	89	8.2	32.71	59.4	278 58	
*						
61	70.07	8-9	46 48.52	16 49 30.4	80 42	
157	89	8.4	48.50	31.9	279 20	
55	70.00	9	46 56.14	18 41 9.1	78 50	ohne F. 1 56ˢ.24
169	99	9.0	56.22	10.0	281 12	
**						
159	70.90	8.8	47 56.74	19 40 20.1	282 10	
171	71.00	9.1	56.70	20.1	77 52	
157	70.88	9.0	47 57.25	16 51 8.2	279 22	
171	71.00	9.1	57.34	7.9	80 42	Bel. e. z. hell
61	70.07	s. 8-9	47 58.20	16 56 12.4	80 36	
167	98	8.6	58.36 (½)	12.9 (½)	279 26	
168	98	8.6	58.30	12.3	279 26	
57	70.01	h. 8-9	48 43.27	16 34 31.4 (½)	80 59	
166	97	8.2	43.28	30.4	279 6	
55	70.00	h. 9 .. s. 8-9	48 48.07	17 35 16.8	79 56	
156	82	[wie s. 9]*	48.16	17.3	280 6	* Wolken
157	88	8.3	48.11	17.4	280 6	
55	70.00	8-9	49 11.54	17 50 10.9	79 42	
156	88	8.8	11.55	11.8	280 20	
54	70.00	8-9	49 25.05	19 7 12.5	78 24	
159	90	8.0	25.02	12.0	281 38	
57	70.01	h. 9	49 36.95	18 41 52.7	78 50	
159	90	8.9	36.88	52.3	281 12	
57	70.01	s. 8	49 58.45	16 53 59.5 (½)	80 39	
167	98	8.8*	58.59 (½)	58.6 (½)	279 24	* gz. zfl.
168	98	8.5	58.57	54 0.5 (½)	279 24	
56	70.00	s. 9	50 0.57	16 38 21.5	80 54	
166	97	9.1	0.68	23.4	279 10	
52	69.95	9-10	50 2.35 (½)	15 25 8.3	82 6	2 F.
167	70.98	9.2	2.48	9.0	277 56	
168	98	9.1	2.59 (½)	7.7:(½)	277 56	3 F., st. gz. schl.
173	71.02	9.4	2.36	7.6 (½)	277 56	
55	70.00	9	50 13.66	17 12 3.2	80 20	
156	88	9.2	13.68	4.9	279 42	
157	88	9.0	13.59	4.1	279 42	
169	70.99	9.2	50 18.78 (½)	18 20 51.8 (½)	280 52	$10^m 10^s$ 280°
171	71.00	9.2	18.42	50.6	79 12	. . .[2]
172	00	9.2	18.60 (2)	51.4 (2)	79 12	Dpl. seq.[3]
173	02	9.3	18.85 (½)	50.0 (2)	280 52	$10^m 8^s$± nahe par. v.
55	70.00	s. 9	50 20.39	17 11 19.7	80 20	
156	88	9.3 W.	20.51	19.0	279 42	
157	88	9.1	20.52	20.0	279 42	
54	70.00	s. 8-9 .. h. 9	50 22.37	18 39 53.6	78 52	
159	90	8.7	22.31	51.2	281 10	
55	70.00	5-6	50 31.46	17 12 22.9	80 20	
156	88	6.8	31.35	23.3	279 42	Z. 157: $4\text{-}5^m$
56	70.00	h. 9	50 41.19 (½)	18 22 49.4 (½)	79 10	
166	97	8.0	41.29	49.8	280 54	
168	98	8.5	41.28	52.1	280 54	
57	70.01	8	51 13.34 (½)	16 55 43.8 (½)	80 37[4]	
157	89	8.1	13.39	45.0	279 26	

* Nr. 540: γ Arietis, Fund.-St. ** Nr. 543: β Arietis, Fund.-St.

[1] Fäden stimmen schlecht [2] Com. viell. h. 10^m. Wegen Unruhe nicht vom Hauptstern zu trennen; bemüht seq. zu beob.

[3] h. 10^m par. v., 5 .. 6^s entf. [4] 2 Abl. von 80°36', 1 von 80°38'

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			1^h			
54	70.00	9‥h. 9	$51^m 22^s.61$	19° 49′ 20″.7	77° 42′	
159	90	8.9	22.59 (½)	20.7 (½)	282 20	
55	70.00	8-9	51 31.11	17 39 50.7	79 52	
156	88	8.8	31.21	49.7	280 10	
52	69.95	h. 9	51 48.69	15 55 42.3	81 36	15° 285 9-10^m
166	70.97	8.9	48.67	43.2	278 26	
52	69.95	8‥h. 8	51 51.97	15 19 14.3	82 12	
166	70.97	8.2	52.01	13.4	277 50	
166	70.97	9.2	51 54.30	15 55 47.4	278 26	
56	70.00	8	51 58.10	16 25 4.3 (½)	81 8	
157	88	7.8	58.14	3.7	278 56	
54	70.00	h. 7	52 3.49	17 44 57.9	79 46	
159	90	7.3	3.52	56.8	280 16	
56	70.00	s. 8-9	52 38.59	17 39 18.5	79 52	
159	90	8.6	38.62	17.6	280 10	
56	70.00	9-10	52 52.51	14 57 48.0: (½)	82 34	
167	98	9.5	52.58 (½)	50.4 (½)	277 28	
168	98	9.2	52.68	51.1	277 28	wenig sicher
52	69.95	s. 8	52 59.99	15 21 0.8	82 10	
166	70.97	8.3	59.97	2.4	277 52	
55	70.00	9	53 2.58	17 49 42.6	79 42	
166	97	9.0	2.68	43.1	280 20	
52	69.95	h. 9-10	53 19.24	15 50 58.5	81 40	
157	70.89	9.2	19.27 (½)	51 0.1 (½)	278 22	
56	70.00	h. 9	53 39.53	18 34 53.2	78 56	
159	90	9.0	39.56	52.9	281 6	
54	70.00	h. 9	54 13.81	19 54 44.6	77 38	
159	90	9.1	13.83 (½)	45.2 (½)	282 26	
52	69.95	8	54 22.01	15 57 35.1	81 34	
166	70.97	8.1	22.09	35.1 (½)	278 28	
55	70.00	9	54 36.88	17 23 41.9	80 8	
156	88	9.3	36.99 (½)	42.1	279 54	3 F.
157	88	9.0	36.92 (½)	41.8	279 54	2 F.
55	70.00	8	54 39.67	17 20 57.6	80 10	
156	88	8.2	39.70	57.3	279 52	Z. 157: 7^m.3
54	70.00	9‥h. 9	54 59.73	19 33 7.3	77 58	
56	00	h. 9-10‥s. 9	59.63	7.4	77 58	
159	90	9.1	59.62	8.0	282 4	
56	70.00	s. 9	55 3.07	18 33 54.1	78 58	
166	97	9.1	3.14	54.1	281 4	
55	70.00	s. 8-9	55 28.26	18 47 7.8	78 44	
156	88	wie 8.7	28.28	8.7	281 18	
54	70.00	9‥h. 9	55 33.90	19 29 31.4	78 2	
159	90	9.1	33.77	30.6	282 0	
52	69.95	s. 9	56 2.08	16 3 38.6	81 28	
157	70.89	9.1	2.16 (½)	38.3	278 34	9^m.2 f. 3^s 1′.5 N.
52	69.95	8	56 3.71	18 27 36.5	79 4	
166	70.97	8.9	3.82	36.1	280 58	
54	70.00	h. 8-9	56 37.79	17 43 29.3	79 48	
156	88	9.0	37.84	30.1	280 14	
55	70.00	h. 9-10	56 44.02	16 36 1.3	80 56	
156	88	9.5	44.08	5.1: (½)	279 6	
157	88	9.3	44.09	2.0	279 6	
54	70.00	6-7	56 51.44	17 39 5.7	79 52	
156	88	7.9	51.40	5.3	280 10	
52	69.95	s. 9	56 53.21	18 41 27.1	78 50	
166	70.97	[= 0.3 W.]	53.20	24.7	281 12	
167	98	9 gz. zfl.	53.31 (½)	25.4 (½)	281 12	
168	98	8.6	53.13 (½)	27.3 (½)	281 12	
			1^h			
54	70.00	9	$57^m 14^s.59$	19° 17′ 40″.8	78° 14′	
159	90	9.0	14.56 (½)	40.7	281 48	
52	69.95	s. 8-9	58 14.05	18 35 15.4	78 56	
167	70.98	8.5	14.11	14.5 (½)	281 6	
168	98	8.3	14.09	15.5	281 6	
52	69.95	9	58 36.48	14 56 16.4	82 36	
157	70.89	9.0 sic	36.57	16.2	277 26	
52	69.95	s. 9	58 41.64	15 19 49.4	82 12	
167	70.98	9.0	41.76	48.7	277 50	
168	98	8.9	41.53	51.3* (½)	277 50	* Nachziehung?
55	70.00	8-9	58 53.02	17 3 —	80 28	
156	88	9 W.	53.08	6.8	279 34	
157	88	8.2	52.95	6.4	279 34	
56	70.00	s. 9	59 13.70	16 33 53.9	80 58	
167	98	9.2	13.82	54.0 (½)	279 4	
169	99	8.6	13.83	54.1	279 4	
54	70.00	h. 8	59 20.84	19 59 39.3	77 32	
159	90	7.7	20.89	39.1	282 30	
54	70.00	9	59 24.00	19 40 29.2	77 52	
159	90	8.8	24.06	30.3	282 10	
57	70.01	s. s. 9	59 30.69	17 54 2.1	79 38	
157	89	9.0	30.83	2.1	280 24	
56	70.00	8-9‥s. 8-9	59 32.37	16 16 26.4	81 16	
168	98	8.0	32.33	29.3	278 46	
169	99	8.5	32.40	26.2	278 48	
57	70.01	s. 9	59 36.05	17 53 2.1	79 38	Z. 157: 8^m.8
156	88	9	36.10	2.8	280 24	17° 311 9^m
54	70.00	h. 8-9	59 45.65	16 29 13.6	81 2	
169	99	8.3	45.76	11.5	279 0	
			2^h			
52	69.95	8-9	0 46.65	14 59 37.0	82 32	
167	70.98	s. 8*	46.73	37.5	277 30	* 10^m gross
168	98	8.2	46.62	39.3	277 30	
55	70.00	7-8	0 54.43	17 25 58.6	80 6	
156	88	[wie 8]	54.33	58.8 (½)	279 56	
52	69.95	8-9	1 13.39	15 36 37.8	81 56	
157	70.88	8.7	13.33	37.8	278 8	
52	69.95	s. 7	1 15.50	15 12 37.0	82 20	
159	70.90	7.4	15.47	36.6	277 42	
54	70.00	8-9	2 5.50 (½)	16 59 6.7	80 32	
156	88	9.0	5.63	6.6 (½)	279 30	
55	70.00	7-8	2 31.07	16 38 13.6	80 54	
157	88	7.1	31.14	14.6	279 8	
54	70.00	8	2 46.70	19 45 16.8	77 46	
159	90	{ 8.0	46.83	18.5	282 16	} Dpl. 10″ 140°
		{ 9.2	47.15	11.7	282 16	
55	70.00	s. 9	3 5.58	17 4 24.6	80 28	
156	88	9.4	5.58	21.9: (½)	279 36	
157	88	9.2	5.60	24.5	279 34	
52	69.95	9-10 W.?	3 17.80	15 25 42.9	82 6	
167	70.98	9	17.87	41.7 (½)	277 56	
168	98	9.2	17.79	44.0 (½)	277 56	
54	70.00	5-6	3 41.96	18 54 35.2 (½)	78 38	
159	90	6.7 orge	42.05	34.6	281 26	
52	69.95	9-10	4 4.73	15 47 39.1	81 44	
157	70.89	9.2	4.85	38.3 (½)	278 18	
61	70.07	s. 8‥h. 8-9	4 25.13	20 10 1.3	77 22	
159	90	8.4	25.19 (½)	1.1 (½)	282 40	
52	69.95	8-9	4 30.02	15 22 34.2	82 10	
167	70.98	8.5 gz zfl.	30.06 (½)	34.4 (½)	277 54	
168	98	8.5	30.00 (½)	35.9 (½)	277 54	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			2h			
54	70.00	h.9-10	5m 1s.75:(½)	16° 53′ 13″.0:(½)	80° 38′	
157	88	9.3	1.83 (½)	14.9 (½)	279 24	
55	70.00	8-9	5 39.52	16 6 49.8	81 26	
157	88	8.3	39.44	49.6	278 38	
55	70.00	9	5 42.09	17 26 0.2	80 6	
169	99	9.0	42.15	1.5	279 56	
54	70.00	h.8	5 57.66	19 14 0.4	78 18	
159	90	8.0	57.67	1.7	281 44	
52	69.95	h.9	6 15.78(½)	15 29 55.1 (2)	82 2	
169	70.99	8.7	15.70	56.5	278 0	
54	70.00	s.8	6 22.32	19 59 44.7	77 32	
159	90	8.3	22.46	45.5	282 30	
55	70.00	h.9	6 49.38	16 19 53.4	81 12	
157	88	9.0	49.24	55.5	278 50	
54	70.00	s.7	6 55.76(½)	19 1 41.1 (½)	78 30	
159	90	7.2	55.78	39.8	281 32	
61	70.07	8-9‥s.8-9	7 3.87	20 13 52.3	77 18	
159	90	8.6	3.95	52.5	282 44	
52	69.95	9	7 45.66	18 28 28.9	79 4	
173[1]	71.02	9.0 zfl.	45.63	29.9	281 0	
174	04	8.8	45.68	33.0	281 0	
55	70.00	s.8-9	7 50.80	17 2 23.7	80 30	
157	88	8.8	50.76	23.8 (½)	279 32	
55	70.00	9‥s.9	7 53.49	16 53 21.6	80 38	
157	88	9.1	53.43	23.4	279 24	
54	70.00	8-9	8 2.93	18 13 46.4	79 18	
173[1]	71.02	9.2	3.13	46.9	280 44	
174	04	9.1	2.87	46.0	280 44	
54	70.00	h.8-9	8 25.77	18 15 27.7	79 16	
173[1]	71.02	9.1	25.83(½)	27.6 (½)	280 46	
174	04	9.0	25.84	27.3	280 46	
55	70.00	9	8 31.94	17 20 3.7	80 12	
157	88	8.7	31.73	4.8	279 50	
52	69.95	8	8 44.73	15 36 43.9	81 56	
173	71.02	8.2	44.96	41.8	278 8	
174	04	8.2	44.72	43.7	278 8	
52	69.95	h.8	9 6.57	15 14 17.6	82 18	
169	70.99	8.2	6.61	17.2	277 44	
54	70.00	s.9	9 18.23	19 6 34.8	78 26	
159	90	9.2	18.30	34.8	281 38	
61	70.07	h.9	10 4.17	16 18 49.6	81 14	
157	89	9.2	4.18	49.5 (½)	278 50	
57	70.01	s.8‥h.8-9	10 11.72	16 44 7.3	80 48	
169	99	8.6	11.68	5.9	279 14	
54	70.00	8-9	10 13.83	19 28 16.1	78 4	
159	90	8.8	13.72	16.9	281 58	
57	70.01	h.9	10 21.64	17 12 20.1 (½)	80 21	
169	99	9.0	21.67	20.1	279 42	
61	70.07	h.9	10 23.00	16 18 36.1	81 14	
157	89	9.1	22.92	37.5	278 50	
57	70.01	h.9	10 40.58	17 21 10.8	80 12	Dpl.?
173[1]	71.02	9.3	40.70	10.8	279 52	
174	04	9.0	40.50	10.5	279 52	
61	70.07	7	10 50.64	17 52 27.5	79 40	
169	99	7.5	50.65	27.6 (½)	280 22	
57	70.01	h.8-9	10 58.07	19 6 5.8	78 26	
159	90	8.9	58.06	5.6	281 36	
*						

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			2h			
54	70.00	7	12m 11s.91	19° 6′ 52″.7	78° 24′	
159	90	7.0	11.96	52.5 (½)	281 38	
55	70.00	s.9	12 20.18	17 3 58.6	80 28	
174	71.04	9.0	20.20	4 0.2	279 36	
52	69.95	h.9	13 6.20	15 39 36.0	81 52	
175	71.04	8.9	6.29	35.8 (½)	278 10	
55	70.00	s.9‥h.9-10	13 18.82	17 3 32.2	80 28	
173	71.02	9.2	[19.19]	33.1	279 34	uns., Oc. beeist
174	04	9.1	18.89	32.2	279 34	
54	70.00	9‥h.9	13 34.75	19 32 58.1	77 58	
174	71.04	8.7	34.75	57.3	282 4	
57	70.01	9	13 55.19	18 18 8.6	79 14	
174	71.04	9.0	55.24	9.6	280 48	
54	70.00	s.8-9	14 11.34	18 0 35.7	79 32	
173	71.02	8.5	11.34	33.8	280 32	
55	70.00	s.9‥h.9-10	14 23.63	19 4 39.7	78 26	
159	90	9.0	23.60	39.8	281 36	
57	70.01	7-8	14 57.09	14 56 47.5	82 36	
175	71.04	8.2	57.01	46.3 (½)	277 28	
52	69.95	8	14 58.82	15 35 22.0	81 56	
174	71.04	7.4	58.77	24.0	278 6	
54	70.00	8-9	15 5.57	19 54 53.9	77 38	
159	90	8.5	5.68	53.2	282 26	
52	69.95	s.8	15 9.18	15 25 20.9	82 6	
174	71.04	8.0	9.20	21.1 (½)	277 56	
57	70.01	7; h.7-8*	15 40.28(½)	16 17 57.7 (½)	81 14	* 2 Schätz.
175	71.04	7.4	40.23	55.9	278 48	
55	70.00	h.9	15 43.97	17 50 8.5	79 42	
173	71.02	8.2	43.84	7.9	280 20	
61	70.07	8-9	15 44.64	18 29 38.8	79 2	
175	71.04	9.0	44.71	39.2 (½)	281 0	
52	69.95	s.9	15 46.86	15 38 13.6	81 54	
175	71.04	9.2	46.94	13.4	278 8	
52	69.95	s.9	15 52.44	15 26 46.5	82 6	
174	71.04	9.2	52.52	47.2	277 58	
55	70.00	8	16 5.56	17 1 37.6	80 30	
173	71.02	7.5	5.61	37.6	279 32	
54	70.00	8-9	16 33.91	19 3 41.9	78 28	
159	90	8.8	33.97	42.6	281 34	
57	70.01	8-9	16 37.43	16 9 34.4	81 22	
174	71.04	8.2	37.42	35.4	278 40	
55	70.00	9	16 44.51	17 30 15.6	80 2	
173	71.02	9.0	44.66	14.7	280 0	
54	70.00	s.8-9	16 59.30	17 37 56.3	79 54	
159	90	8.9	59.36	55.6	280 8	
52	69.95	s.8	17 36.92(½)	14 57 26.2 (½)	82 34	
175	71.04	8.0 sic	36.93(½)	26.3 (½)	277 28	
57	70.01	9-10	17 42.62::(½)	16 13 14.0:(½)	81 18	3 F.
61	07	s.9	42.78	15.2	81 18	
174	71.04	9.3	42.88	10.6	278 44	
54	70.00	s.9	17 42.90	17 19 51.2	80 12	
159	90	9.2	43.04	52.6	279 50	Bem.[2]
52	69.95	9‥h.9	17 43.65	15 7 1.7	82 24	
174	71.04	8.4	43.82	0.2	277 38	
55	70.00	s.9	18 9.21	16 17 54.6	81 14	
61	07	s.9	8.90	53.1	81 14	
171	71.00	9.0	9.01	52.5	81 16	
173	02	9.2	9.10	53.7	278 48	

* Nr. 641: ϑ Arietis, Fund.-St.   [1] Beob. unsicher, Ocular stark beschlagen   [2] 9m.2 f. 12s 0′.1 S.; 9m.2 f. 24s 0′.2 S.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			2^h			
55	70.00	9-10	18^m[15^s.00::]	16° 19′[40″ ±]	81° 12′	Z.61: s.9^m
63	09	9-10	—	43.2 (½)	81 13	schwach
171	71.00	9.2	14.58	41.2	81 14	
173	02	9.3	14.60	42.6	278 50	
57	70.01	s.8	18 41.25	18 59 18.4	78 32	
159	90	7.7	41.23	16.0	281 30	
54	70.00	s.8	18 46.55	19 42 57.2	77 50	
159	90	7.6	46.61 (½)	58.1 (½)	282 14	
57	70.01	9-10	18 52.95	17 4 47.0	80 26	
61	07	9‥s.9	52.95	50.7	80 28	
173	71.02	8.5	52.90	49.6	279 36	
54	70.00	s.8‥h.8-9	19 16.39	18 20 28.5 (½)	79 12	
173	71.02	8.0	16.38	27.3	280 50	
55	70.00	8-9	19 48.46	17 2 6.6	80 30	
173	71.02	8.1	48.51	5.8	279 32	
52	69.95	s.9	19 58.80	19 18 2.6	78 14	
174	71.04	9.2	58.76	3.4	281 48	
63	70.09	7-8: W.	20 —	16 4 56.1	81 28	
64	10	7-8	38.97	55.1	81 28	
174	71.04	7.0	38.92	53.1	278 36	
61	70.07	9‥h.9	20 48.43	19 56 42.3	77 36	
159	90	9.0	48.46	42.2	282 28	
171	71.00	8.8 zfl.	20 55.02	15 33 44.4	82 0	
174	04	9.1	55.11	45.4	278 4	
63	70.09	9-10	21 —	17 30 55.2	80 2	
64	10	9 ±	4.66	[51 ±]	80 2	s. schw. (Hgl.
171	71.00	8.6	4.64	53.5 (½)	80 2	—^{s}.089)
173	02	8.9	4.72	52.4	280 2	
54	70.00	9‥h.9	21 5.47	19 26 26.0	78 6	
175	71.04	9.1	5.48	25.9	281 58	
63	70.09	[s.8?]W.	21 —	16 48 18.2	80 44	
64	10	[s.8 ±]	27.46	15.9	80 44	
171	71.00	8.3*	27.62 (½)	16.5 (½)	80 44	* äuss. zfl.
175	04	8.5	27.52	17.3	279 20	
54	70.00	s.9	21 47.13	18 47 53.0	78 44	
173	71.02	8.5	47.09	53.1	281 18	
52	69.95	9	22 3.78	15 2 26.9	82 30	
174	71.04	8.6	3.72	26.2	277 34	
54	70.00	h.9‥s.8-9	22 50.63	19 20 57.7	78 10	
159	90	8.9	50.80	56.8	281 52	
54	70.00	s.8-9‥h.9	23 29.84	19 45 23.6	77 46	
159	90	8.9	30.03	24.5	282 16	
55	70.00	h.8-9	23 32.78	18 6 25.2 (½)	79 26	
173	71.02	7.5	32.71	26.4	280 36	
54	70.00	7	23 37.97	19 17 57.4	78 14	
174	71.04	6.6	37.97	56.6	281 48	
52	69.95	6-7	23 58.55	17 8 59.3	80 22	
173	71.02	7.0	58.51	58.6 (½)	279 40	
54	70.00	9-10	24 34.94	20 6 6.2	77 26	
174	71.04	9.2	35.06	7.1	282 36	
61	70.07	s.8-9	24 36.14	18 14 13.4	79 18	
173	71.02	8.8	36.14 (½)	13.0 (½)	280 44	
61	70.07	h.9	24 37.02	16 59 17.8	80 32	
175	71.04	9.0	37.10	20.0	279 30	
61	70.07	h.8-9	24 44.46	18 44 11.2	78 48	
174	71.04	8.0	44.41	10.6	281 14	
52	69.95	s.8-9	25 6.09	17 49 7.7	79 42	
173	71.02	{ 9.0	5.96	16.3	280 20	} Dpl. 9^m 10^m[1]
		{ 8.0	6.09	8.3	280 20	
			2^h			
61	70.07	8-9	25^m31^s.70	18° 21′ 33″.1	79° 10′	
175	71.04	8.8	31.77	31.8	280 52	
52	69.95	9	25 35.81	17 55 27.8	79 36	
175	71.04	9.0	35.84	29.2 (½)	280 26	
54	70.00	s.8	26 27.76	19 53 9.4	77 38	
174	71.04	8.0	27.76	10.3	282 24	
61	70.07	6-7	26 37.36	18 19 39.8	79 12	
175	71.04	7.5	37.33	39.4	280 50	
52	69.95	9‥s.9	26 40.40	15 1 59.7	82 30	
175	71.04	9.1	40.45	59.7	277 32	
54	70.00	h.8-9	27 16.46	19 47 58.6	77 44	
174	71.04	8.4	16.56	58.3	282 18	
54	70.00	8	27 22.36	19 26 4.5	78 6	
174	71.04	7.8	22.40	3.6	281 56	
63	70.09	h.9	27 22.81	20 6 43.1	77 26	
175	71.04	8.8	22.92 (½)	42.6 (½)	282 38	
52	69.95	9	27 30.04	20 1 55.8	77 30	
174	71.04	9.3	30.03	55.1	282 32	
61	70.07	h.9	27 46.23	17 26 52.8	80 6	
173	71.02	9.2	46.37	51.1	279 58	
57	70.01	—	28 7.78 (½)	17 30 37.5	80 2	3 F.
61	07	h.8	7.72 (½)	39.9	80 2	2 F.
173	71.02	8.0	7.75	37.9	280 2	
61	70.07	8-9	28 12.16	17 27 46.4	80 4	
173	71.02	9.1	12.27	46.9	279 58	
52	69.95	h.8	28 46.38	16 3 50.2	81 28	
173	71.02	8.3	46.47 (½)	49.4 (½)	278 34	
63	70.09	s.8-9	29 40.61 (½)	20 9 18.6 (½)	77 22	
175	71.04	8.2	40.68 (½)	19.7 (½)	282 40	
52	69.95	8-9	29 51.21	17 23 8.8	80 8	
173	71.02	8.5	51.20 (½)	7.8	279 54	3 F.
54	70.00	7-8	30 31.45	20 1 49.1	77 30	
57	01	7-8:(W.)	31.48	49.4	77 30	
173	71.02	7.2 s. zfl.	31.52	50.9	282 32	
52	69.95	8	30 53.43	19 30 31.3	78 2	
174	71.04	8.2	53.54	31.4 (½)	282 2	
63	70.09	9-10	31 1.94	20 10 20.0	77 22	
175	71.04	9.1	1.99	20.5 (½)	282 42	
57	70.01	(W.)	31 18.80 (½)	19 42 —	77 50	3 F.
61	07	h.8-9	18.65	58.0	77 50	19° 393 s.9^m
174	71.04	8.0	18.61	58.7	282 14	
174	71.04	9.4	31 23.89	19 42 32.9	282 14	
52	69.95	h.7‥6-7	31 36.23	19 11 7.3	78 20	
175	71.04	7.5	36.21	7.8	281 42	
52	69.95	s.7-8	33 13.45	16 11 18.8	81 20	
173	71.02	8.1	13.45	20.1	278 42	
57	70.01	s.8	33 34.10	18 3 36.1 (½)	79 29	
173	71.02	8.0	34.17	35.4 (½)	280 34	
54	70.00	h.9	33 39.24	19 38 36.5	77 54	
174	71.04	8.8	39.27	35.6	282 10	
54	70.00	9	33 43.64	19 27 19.5	78 4	
174	71.04	9.1	43.80	18.1	281 58	
52	69.95	8	33 46.53	15 8 53.9	82 22	
175	71.04	8.8	46.61	56.4 (½)	277 40	
52	69.95	s.9	33 51.93 (⅓)	15 39 49.3 (⅓)	81 52	etwas uns.
176	71.05	(9.4)	51.92 (½)	47.5 (⅔)	278 10	wen.sich.(3 F.)
177	08	9.5	51.79	49.0	278 10	
54	70.00	9	34 1.48	19 26 49.7	78 4	
174	71.04	9.0	1.61	50.4	281 58	

[1] Beleuchtung für Com. etwas zu hell

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			2^h			
61	70.07	8-9	34^m 6^s.90	18° 15′ 47″.0	79° 16′	Dpl. 3″ 120° ±
		h.8-9··h.9	7.19	45.0	79 16	
173	71.02	7.8	6.88	46.7	280 46	Dpl. 4″ 140° [1]
		8.0	7.16	44.1	280 46	
52	69.95	s.8-9··h.9	34 25.30	15 30 11.3	82 2	
175	71.04	8.7	25.30	10.7	278 2	
61	70.07	8-9	34 35.43	15 6 19.7	82 26	
175	71.04	8.9	35.41	19.1	277 38	
57	70.01	9	34 42.37	16 12 1.0	81 20	
176	71.05	(9.2)	42.34	0.8	278 42	unsicher
177	08	9.0	42.33	11 59.5	278 42	
61	70.07	8	35 4.61	17 13 28.0	80 18	
176	71.05	8.4	4.60	27.2	279 44	
54	70.00	5-6	35 19.19	19 28 41.7	78 4	
174	71.04	6.0	19.30	38.7	282 0	
57	70.01	8 (W.)	35 24.29	16 25 27.1	81 6	
175	71.04	8.0	24.34	26.3	278 56	
57	70.01	9	35 25.25	17 3 57.7	80 28	
177	71.08	8.8	25.41	57.7	279 34	
61	70.07	s.9··h.9-10	35 56.69	17 22 13.4	80 10	
178	71.08	9.5	56.64	12.2	279 54	
63	70.09	7-8 W.	35 57.92	19 41 48.2	77 50	
174	71.04	8.0	57.97	48.7	282 12	
61	70.07	h. 8-9	36 15.58	18 53 46.5	78 38	
174	71.04	8.0	15.58	47.2	281 24	
57	70.01	7-8	36 41.19	17 0 57.6	80 32	
175	71.04	7.5	41.21	57.4 (½)	279 32	
52	69.95	h. 8-9	36 54.31 (½)	15 34 27.4 (½)	81 58	
175	71.04	8.5	54.31	25.8	278 6	
63	70.09	s.8::(W.)	37 7.00	15 2 54.4	82 30	schwach
177	71.08	8.5	6.94	52.3 (½)	277 34	
63	70.09	6-7: W.	37 20.63 (½)	17 14 1.4 (½)	80 19	
176	71.05	7.4	20.68	0.5 (½)	279 46	
64	70.10	s. 8-9	37 26.64	20 3 24.2	77 28	
174	71.04	8.5	26.65	24.2	282 34	
64	70.10	s. 7-8	38 43.26	20 9 51.6	77 22	20° 457 s.9^m
179	71.08	s. 8 zfl.	43.40	50.7	282 40	
63	70.09	9	38 44.61	19 15 39.2	78 16	
178	71.08	9.0	44.76	41.0	281 46	
64	70.10	h. 7-8	38 46.08	16 29 31.1	81 2	
177	71.08	h.8 gz.zfl	46.10	31.8	279 0	
54	70.00	s.9	39 12.51	19 26 1.6	78 6	
173	71.02	9.4	12.71 (½)	3.1 (½)	281 56	
57	70.01	h. 8-9	39 19.51	18 18 38.2	79 12	
175	71.04	8.1	19.59	37.0	280 50	
63	70.09	s.9	39 21.73	17 41 59.4	79 50	
176	71.05	9.4	21.69	57.9	280 12	
178	08	9.3	21.55	42 0.2	280 12	17° 435 9^m.3
54	70.00	h.9	40 20.39	19 19 12.2	78 12	
174	71.04	8.7	20.36	12.5	281 50	
57	70.01	s.9	40 22.41	16 45 31.9	80 46	W., ztw. schw.
175	71.04	8.8	22.44	32.5	279 16	9^m.2 f.6^s 1′.7 S
64	70.10	s. 7-8	40 24.23	18 51 7.8	78 40	h.8-9^m 3″ 335° ±
177	71.08	8.4	24.03	9.5	281 22	Dpl. 2″.5 315°
		7.8	24.22	6.2	281 22	
61	70.07	[9?] W.	40 27.71	16 41 5.4	80 50	
175	71.04	8.8	27.68	4.5	279 12	

[1] Ein Stern s. 9^m einige ^{s} v. etw. S.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			2^h			
63	70.09	7-8	40^m 33^s.12	17° 59′ 7″.4	79° 32′	
177	71.08	8.0	33.03	6.6	280 30	
54	70.00	8-9	40 33.62	19 20 33.8 (½)	78 10	
174	71.04	8.7	33.68	33.2	281 52	
64	70.10	9	40 44.70	16 46 35.4	80 46	
175	71.04	9.1	44.74	35.6	279 18	
63	70.09	s.9	40 55.75	17 5 42.8	80 26	Z. 65: s.9^m
176	71.05	9.3	55.70	41.3	279 36	
178	08	9.3	55.61	42.3	279 36	
52	69.95	7	41 5.25 (2)	14 59 4.6 (½)	82 32	
179	71.08	7.5	5.30	5.3	277 30	
54	70.00	h. 8-9	41 16.32	19 29 12.1	78 2	
174	71.04	8.4	16.29	10.2	282 0	
171	71.00	9.4	41 21.68	16 59 10.7	80 34	16° 350 8^m.5 [2]
172	00	h. 10	21.77	7.6 (½)	80 34	» 9:
175	04	9.4	21.68	10.0	279 30	» 9, in
						[Z. 179 9-10^m
64	70.10	9	41 24.52	17 38 25.8	79 54	
176	71.05	9.0	24.45	25.8	280 10	F.4—0^s.42 abw.
65	70.10	h. 7	41 31.63	17 45 42.2	79 46	
176	71.05	7.2	31.64	40.6	280 16	
63	70.09	s. 8-9	41 34.89	16 35 30.7	80 56	
178	71.08	8.9	34.81	31.1	279 6	
64	70.10	s.9	42 8.96	15 36 1.9	81 56	
179	71.08	9.2	8.92	1.9	278 6	
61	70.07	8:	42 10.68:	18 12 28.6	79 20	
179	71.08	8.7	10.77	27.6	280 42	
57	70.01	6-7 (W.)	42 19.17	16 56 34.3	80 36	
178	71.08	6.0	19.16 (½)	35.0 (½)	279 28	Com. 8^m.5 3″ 135°
54	70.00	9	42 46.41 (2)	19 9 17.2 (2)	78 22	
174	71.04	9.2	46.46	17.4 (½)	281 40	
63	70.09	h. 10	43 2.37	16 24 24.4	81 8	
63	70.09	7	43 38.53	18 38 38.7	78 54	
178	71.08	7.2	38.70	39.4	281 10	
63	70.09	8-9	43 38.91	15 12 20.2	82 20	
179	71.08	9.2	38.99 (½)	18.0 (½)	277 42	
60	70.03	8-9	43 55.43	18 48 10.8 (½)	78 44	
177	71.08	9.2	55.40	10.7	281 18	
64	70.10	s.9	44 11.14	16 24 25.6	81 8	
176	71.05	(9.2)	11.08	27.7	278 51	unsicher
179	08	9.3	11.12	23.0 (½)	278 54	
60	70.03	h. 8-9	44 37.60	18 47 35.7	78 44	
177	71.08	9.0	37.77	35.4	281 18	
57	70.01	8-9	44 55.68	15 58 54.8	81 34	
178	71.08	8.2	55.74	55.6 (½)	278 30	
60	70.03	9	45 17.71	18 12 25.1	79 20	
176	71.05	8.8	17.68	27.4	280 42	
63	70.07	h. 9	45 21.06	18 37 11.6	78 54	
177	71.08	9.0	21.12	10.7	281 8	
63	70.07	s. 8-9	45 23.49	18 55 29.2	78 36	
177	71.08	9.2	23.42	28.1	281 26	
64	70.10	9-10	45 29.18 (½)	16 40 25.0	80 52	2 F.
65	10	h. 9-10	29.15	24.4 (½)	80 52	
176	71.05	(9.5)	29.08 (½)	27.2 (½)	279 10	unsicher
178	08	9.4	29.24	26.3	279 12	
64	70.10	h. 9	45 41.93	19 36 37.7	77 56	
178	71.08	8.7	42.08 (½)	37.9 (½)	282 8	

[2] Der beob. Stern unsichtbar in Z. 64, 65, 179 (var. *T* Arietis)

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			2h			
57	70.01	7-8	46m —	15° 58′ 19″.1 (½)	81° 35′	
64	10	h.7	14s.14	19.4	81 34	
177	71.08	7.0	14.28	18.4 (½)	278 30	
60	70.03	s.8-9	46 45.04	18 7 16.1	79 24	
176	71.05	9.0	45.14	15.6	280 38	
63	70.09	8‥s.8	47 3.31	15 30 31.6	82 2	
177	71.08	7.8	3.34	31.8	278 2	
64	70.10	8 (s. unr.)	47 11.45	20 3 15.4	77 30	
178	71.08	7.0	11.65	17.4	282 34	
64	70.10	h.9	47 22.18	14 59 7.5	82 34	
179	71.08	8.6	22.22 (½)	4.9 (½)	277 30	
60	70.03	h.7-8	47 43.86	19 51 45.2	77 40	
178	71.08	7.2*	43.79 (½)	46.6 (½)	282 22	* schw. röthl.
63	70.09	7-8	47 55.01	17 13 31.9	80 18	
176	71.05	8.2	54.93	32.4	279 44	
63	70.09	h.9-10	48 14.86	17 22 57.5	80 10	
176	71.05	8.9	15.03	58.2	279 54	
63	70.09	h.8-9	48 18.69	15 48 4.9	81 44	
177	71.08	7.9	18.68	5.6 (½)	278 20	
60	70.03	h.9	48 46.19	18 38 39.5	78 54	
177	71.08	9.1	46.32	38.4	281 10	
59	70.02	7	48 47.22	17 49 24.3	79 42	
176	71.05	7.0	47.25	25.7 (½)	280 20	
60	70.03	s.6-7	49 22.74 (½)	17 31 24.9 (½)	80 1	
176	71.05	7.2	22.71 (½)	23.7 (½)	282 2	
59	70.02	9	50 2.18	16 44 2.3	80 48	
177	71.08	8.8	2.22 (½)	3.9 (½)	279 16	
60	70.03	h.9	50 10.23	17 25 19.4	80 6	
176	71.05	9.2	10.33	19.5	279 56	
177	08	9.0	10.27	18.1	279 56	
59	70.02	8	50 30.76	15 47 23.9	81 44	
178	71.08	7.2	30.80	25.3 (½)	278 18	
63	70.09	8	50 54.04	17 18 36.4	80 14	
176	71.05	8.0	53.96	34.7	279 50	
64	70.10	5	50 55.96	20 9 57.7	77 22	
178	71.08	5.5 s.unr.	55.98	58.8	282 40	
60	70.03	s.9	50 59.49	20 5 15.0	77 26	
178	71.08	9.3	59.52	12.8 (½)	282 36	
63	70.09	(h.10)W.	51 18.46 (½)	15 29 [19::]	82 2	
64	10	h.9	18.63	27.8	82 2	
179	71.08	8.7	18.70	27.9 (½)	278 0	
64	70.10	9	51 19.54	18 43 41.3	78 48	
177	71.08	9.1 zfl.	19.39	40.5	281 14	
65	70.10	s.8-9	51 38.15	17 10 27.2	80 22	
176	71.05	8.8	38.30	29.4 (½)	279 42	
60	70.03	h.9	51 41.21	20 5 33.6	77 26	
178	71.08	8.7	41.21	35.6	282 36	
63	70.09	9-10 W.	51 41.69	17 49 19.1	79 42	
65	10	h.9	41.65	20.1	79 42	
179	71.08	8.9	41.72	21.1	280 20	
65	70.10	s.8-9	51 49.86	19 4 27.6	78 28	
180	71.09	8.5	49.87	27.5	281 36	
63	70.09	9-10 W.	51 55.95	17 40 37.3:: (½)	79 50	
171	71.00	8.5	55.87 (2)	35.1 (2)	79 52	
179	08	9.3	55.83	34.3	280 12	
64	70.10	s.7-8	52 4.12	19 29 20.6	78 2	
178	71.08	7.5	4.16	22.8	282 0	
59	70.02	9-10	52 5.16	15 52 54.1	81 38	
179	71.08	9.2	5.03	56.0	278 24	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			2h			
64	70.10	s.9	52m 21s.01	19° 33′ 58″.6	77° 58′	
178	71.08	9.3	21.07	34 0.0	282 4	
60	70.03	s.9	52 32.35	18 14 42.2	79 16	
177	71.08	9.3	32.42	40.7	280 46	
59	70.02	7-8	53 30.00	17 30 26.7	80 2	
176	71.05	7.9	29.99	26.6 (½)	280 2	
60	70.03	s.9‥h.9-10	53 32.14 (½)	18 8 0.9 (½)	79 25	
177	71.08	8.8 dpl.?	32.19	0.6	280 38	
59	70.02	h.9	54 5.99	18 54 22.1	78 38	
177	71.08	[8.5 ±]*	6.19	23.7	281 24	* gr. zfl.
60	70.03	9	54 17.40	19 41 9.1	77 52	
178	71.08	9.0	17.38	10.1	282 12	
60	70.03	s.9	54 37.99	17 26 46.6	80 6	
176	71.05	9.4	38.03	46.5	279 58	
178	08	9.2	38.12	47.0	279 58	
63	70.09	9	54 42.57	15 49 12.1	81 42	
179	71.08	8.7	42.58 (½)	10.3 (½)	278 20	
59	70.02	8	54 50.56	16 1 28.0	81 30	
176	71.05	(8.7)	50.69	28.2	278 32	
60	70.03	9-10	54 58.52	18 52 45.3	78 40	
177	71.08	9.2	58.60	46.1	281 24	
63	70.09	9	55 17.21	17 56 56.3	79 34	
176	71.05	9.3	17.24	56.3	280 28	
177	08	9.0	17.38	58.3	280 28	
59	70.02	h.9	55 52.71	17 4 20.8	80 28	
176	71.05	(9.3)	52.86 (½)	19.7 (½)	279 36	unsicher
177	08	8.9	52.77	19.1	279 36	
63	70.09	7-8‥s.7-8	56 2.20	19 50 34.9	77 42	
178	71.08	8.0	2.26	36.4 (½)	282 22	
63	70.09	8-9	56 2.21	19 18 33.1	78 14	
178	71.08	8.9	2.31 (½)	32.5 (½)	281 50	
59	70.02	8-9‥s.8-9	56 41.96	19 37 17.1	77 54	
177	71.08	8.0	41.96	17.1	282 8	
60	70.03	s.9	57 2.83	18 54 52.8	78 38	
176	71.05	(9.5)	2.82	51.4	281 26	wenig sicher
177	08	9.0	2.78	52.9	281 26	
59	70.02	7	57 43.46 (½)	15 22 9.7 (½)	82 11	
176	71.05	(7.8)	43.30	10.6	277 54	
60	70.03	h.9	58 13.28	17 8 49.7	80 24	
176	71.05	9.1	13.38	49.9	279 40	
177	08	8.3	13.27	48.1	279 40	
59	70.02	h.9	58 44.69	17 41 33.0	79 50	
176	71.05	8.7	44.79	33.6	280 12	
60	70.03	h.9	59 28.16	17 7 22.2	80 24	
176	71.05	9.2	28.16	22.4	279 38	
177	08	9.2	28.20	22.4	279 38	
63	70.09	s.8‥h.8-9	59 29.47	20 9 17.6	77 22	
179	71.08	8.8 sic	29.45 (½)	15.8 (½)	282 40	
59	70.02	h.9	59 40.50	16 59 30.1	80 32	
177	71.08	8.5	40.47	31.5	279 30	
			3h			
60	70.03	8-9	0 4.46 (½)	18 52 51.7 (½)	78 39	
177	71.08	8.0	4.43	51.2	281 24	
63	70.09	s.6-7	0 23.57	17 23 46.1	80 8	
176	71.05	(7.5)	23.62	46.4 (½)	279 54	
60	70.03	9	0 59.76	17 48 44.5	79 44	
176	71.05	(9.3)	59.64	43.6	280 20	
177	08	8.4	59.75 (½)	45.2 (½)	280 20	
59	70.02	h.8-9	1 5.81	16 26 36.6	81 6	
179	71.08	8.0	5.79	36.2	278 58	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			3h			
59	70.02	h. 8	1m 6s.22 (½)	16° 32′ 43″.0 (½)	81° 0′	
179	71.08	7.6	6.26	42.9	279 4	8m.8 2s.5 140°: (zu unr.)
60	70.03	s. 7	1 16.17	18 18 49.0	79 14	
176	71.05	(7.7)	16.02	50.3	280 50	
63	70.09	s. 8	2 25.57	19 59 20.6	77 32	
179	71.08	8.8 gz.zfl.	25.59	20.3	282 30	
60	70.03	h. 7-8	2 28.21	18 54 6.4 (½)	78 39	
177	71.08	[h. 7 ±]	28.11	7.5	281 24	äuss. unr.
60	70.03	h. 9	2 30.61	18 33 8.9 (½)	78 59	
177	71.08	8.3	30.60	8.5	281 4	
59	70.02	h. 9	2 37.55	16 25 35.4	81 6	
180	71.09	8.8	37.59	34.8 (½)	278 56	
63	70.09	h. 8	2 37.75 (½)	19 31 26.2 (½)	78 1	
179	71.08	7.6	37.80	25.5	282 2	
64	70.10	8	2 39.44	16 47 1.2	80 46	
180	71.09	8.8	39.40	2.0	279 18	
181	12	8.2 *	39.42	1.0 (½)	279 18	* schw. röthl.?
64	70.10	s. 8-9	2 39.88	17 10 57.1	80 22	
176	71.05	(9.3)	39.96	57.1 (½)	279 42	
181	12	9.1	39.88	57.3 (½)	279 42	
65	70.10	s. 8-9	2 54.90	15 12 3.5	82 20	
181	71.12	9.1	54.86	1.7	277 42	
65	70.10	8-9 .. s. 8-9	3 4.68	17 52 11.7	79 40	
176	71.05	(9.1)	4.72	11.5	280 22	
65	70.10	h. 8-9 .. s. 8	3 17.44	16 20 13.2	81 12	
180	71.09	8.1	17.39	12.7	278 52	
64	70.10	h. 8-9	3 29.35	15 30 42.0	82 2	
181	71.12	8.5	29.27	42.9	278 2	
60	70.03	8	3 37.90	18 16 3.8	79 16	
177	71.08	7.6	37.99	4.1	280 48	
65	70.10	8-9	4 2.91	16 49 39.9	80 42	
179	71.08	8.3:	—	40.3	279 22	
180	09	8.9	2.90	41.3 (½)	279 20	
66	70.10	s. 9	4 15.82	19 45 8.3	77 46	
179	71.08	9.3	15.95	10.4 (½)	282 16	
66	70.10	9	4 21.48	15 14 6.0	82 18	
181	71.12	9.5	21.41 (½)	8.2 (½)	277 46	
65	70.10	h. 9	4 25.62	19 47 25.2	77 44	
179	71.08	9.0	25.64	26.2	282 18	
66	70.10	9	4 40.39	18 49 47.2	78 42	
177	71.08	9.4	40.22	46.0: (½)	281 20	
64	70.10	9	4 46.59	19 44 11.1	77 48	
179	71.08	9.2	46.53	11.0	282 16	
66	70.10	h. 8 .. s. 7-8	4 57.29	15 41 31.8	81 50	
179	71.08	7.5	57.36	33.2	278 12	
59	70.02	s. 8-9	5 14.61	16 49 40.9	80 42	
176	71.05	(9.4)	14.60 (½)	41.6 (½)	279 20	unsicher
178	08	8.5	14.67	41.0	279 20	
66	70.10	7-8	5 25.00	16 2 39.8	81 30	
181	71.12	7.5	25.02	40.5	278 34	
65	70.10	8-9	5 27.16	18 28 19.8	79 4	
177	71.08	8.5	27.15	21.7	281 0	
64	70.10	s. 9	5 35.01	19 55 44.0	77 36	
180	71.09	9.2	35.01	42.8	282 28	
60	70.03	9-10	5 39.92	15 40 32.8	81 50	
179	71.08	9.2	39.99 (½)	31.3 (½)	278 12	
			3h			
59	70.02	h. 9	5m 58s.32	16° 39′ 40″.4	80° 52′	
178	71.08	8.6	58.39	39.8	279 10	
63	70.09	s. 9	6 2.20	17 35 4.4	79 58	
180	71.09	9.4	2.32	5.6	280 6	
181	12	h. 10	2.37 (½)	2.4: (½)	280 6	3 F.; Δ etw. :
60	70.03	7	6 48.70	18 30 13.0	79 2	
177	71.08	6.8 rthl.	48.64	14.1	281 2	
63	70.09	9 W.	6 55.42	17 25 10.4	80 6	
176	71.05	(10)	[55.63::]	[7 ±]	279 56	
178	08	9.0	55.52	9.9	279 56	
181	12	9.2	55.49	12.5	279 56	
64	70.10	h. 8-9	7 0.49	17 50 34.1	79 42	
179	71.08	8.0	0.57	34.4	280 22	
65	70.10	7	7 10.16	15 7 20.7	82 24	
180	71.09	7.7 s. zfl.	10.17 (½)	21.6 (½)	277 38	
181	12	h. 7	—	20.6	277 38	
64	70.10	9	7 11.05	17 52 25.4	79 40	
179	71.08	8.9	11.12	25.3 (½)	280 24	
64	70.10	9 .. s. 9	7 37.82	19 52 24.6	77 40	
178	71.08	8.6	37.94	24.7	282 24	
63	70.09	s. 9	7 42.28	17 33 40.2	79 58	
176	71.05	(9.8)	[42.37]::	[37 ±]	280 4	3 F.
177	08	8.4	42.35	39.9	280 4	
65	70.10	9	7 53.74	15 3 42.6	82 28	
59	70.02	9	8 6.72	15 50 22.6	81 42	
179	71.08	8.8	6.85	22.2	278 22	
59	70.02	s. 8-9	8 6.91	15 47 25.4	81 44	
179	71.08	8.3	6.96	23.2	278 18	
60	70.03	s. 8-9	8 16.16	18 6 15.2	79 26	
177	71.08	8.5	16.36	13.5	280 36	
64	70.10	s. 8	8 18.09	20 5 36.1	77 26	s. unr.
178	71.08	8.0	18.07	37.0	282 36	
63	70.09	9	8 29.24	15 26 33.9	82 6	
178	71.08	9.1	29.34	32.2 (½)	277 58	
60	70.03	. . . *	8 39.62	18 1 14.5	79 30	* 9-10 .. s. 9-10
177	71.08	9.2	39.64 (½)	16.2	280 32	3 F.
65	70.10	h. 8-9	8 42.76	20 14 16.6	77 18	
175	71.04	8.2	42.82	13.7	282 46	
63	70.09	h. 9	9 8.16	20 2 23.5	77 30	
175	71.04	8.6	8.16	23.8	282 34	
60	70.03	8	9 12.26	18 52 24.8 (½)	78 41	
177	71.08	8.1	12.20	25.4	281 24	
59	70.02	9	9 43.14 (½)	15 12 5.4 (½)	82 21	
178	71.08	8.8	43.09	4.7	277 44	15° 458 9m.1
59	70.02	h. 8	10 9.17	17 6 41.5	80 26	
176	71.05	(8.8)	9.29	42.0 (½)	279 38	
66	70.10	h. 9	10 13.75 (2)	14 56 42.4 (2)	82 35[1]	
178	71.08	8.5	13.66	41.7 (½)	277 28	
60	70.03	h. 9	11 4.24 (½)	18 38 33.6 (½)	78 53	
175	71.04	9.0	4.30	34.0	281 10	
60	70.03	h. 8	11 15.97 (½)	17 42 58.9 (½)	79 49	
176	71.05	(8.5)	16.15	58.6	280 14	
59	70.02	h. 9 .. s. 8-9	11 35.41 (½)	18 0 55.3 (½)	79 31	
176	71.05	(9.3)	35.63	55.2	280 32	
177	08	8.5	35.38 (½)	54.6	280 32	
63	70.09	h. 9	11 41.46	19 32 48.4	78 0	19° 503 s. 9m
175	71.04	9.0	41.48	48.2	282 4	" 9m.2

* Nr. 848: δ Arietis, Fund.-St.

[1] 2 Abl. von 82° 36′, 1 von 82° 34′

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			3^h			
63	70.09	h.9…s.8-9	12m 19s.47	19° 15′ 50″.8	78° 16′	
175	71.04	8.4	19.46	52.4	281 46	
64	70.10	9	12 28.88	19 7 2.0	78 24	
178	71.08	9.0	29.04	3.3	281 38	
60	70.03	h.8	12 40.46	18 37 12.8 (½)	78 55	
177	71.08	7.5	40.48	13.9	281 8	schwkd.
63	70.09	h.8-9…s.8	12 41.77	19 40 16.9	77 42	
175	71.04	8.2	41.86	17.8 (½)	282 20	
63	70.09	9-10	12 53.74	19 48 44.8	77 42	
175	71.04	9.3	53.93	46.6	282 20	
59	70.02	8	12 55.58 (½)	17 2 37.1 (½)	80 29	
176	71.05	(8.8)	55.71	36.5	279 34	
64	70.10	9	13 3.70	15 12 10.6	82 20	
179	71.08	9.2	3.66	9.3	277 44	
64	70.10	{ 8-9	13 11.08	19 16 31.5	78 16	} Dpl. 6″
		{ h. 8-9	11.49	33.8	78 18	(255° ±)
178	71.08	{ 8.5	11.01	32.6	281 48	} Dpl. 8″ 245°
		{ 8.4	11.51	35.3	281 48	
63	70.09	s. 7-8	13 14.06	19 25 4.4	78 6	
178	71.08	7.2	14.08	4.9 (½)	281 56	
64	70.10	s.9	13 18.46 (½)	15 58 6.0	81 34	2 F.
66	10	9	18.49 (½)	7.6 (½)	81 35	
179	71.08	9.2	18.54 (½)	8.3 (½)	278 30	
60	70.03	h.8-9…s.8	13 26.54	18 43 35.1	78 48	
177	71.08	8.2	26.46	34.2	281 14	
65	70.10	9	13 32.07	15 52 43.4	81 38	
178	71.08	8.8	31.88 (½)	45.4	278 24	2 F.
179	08	9.1	32.00 (½)	45.3 (½)	278 24	
60	70.03	h.9	13 39.81 (½)	18 17 5.7 (½)	79 15	
176	71.05	(9.3)	39.98	5.9	280 48	wenig sicher
177	08	8.7	39.89	4.0	280 48	
65	70.10	7-8	13 40.50	20 3 23.0	77 28	
174	71.04	7.2	40.44	22.6 (½)	282 34	
65	70.10	8-9	13 47.68	20 11 37.3 (½)	77 20	
175	71.04	8.9	47.67	37.5	282 42	
59	70.02	h. 8-9	13 52.35	19 1 29.1	78 30	
177	71.08	8.4	52.33	29.4	281 32	
63	70.09	s. 9 (W.)	13 53.24	19 50 24.5	77 42	
174	71.04	9.1	53.29	25.3 (½)	282 22	
59	70.02	s. 9	14 18.68	16 48 10.6	80 44	
176	71.05	(9.8)	[18.92:]	[8 ±]	279 20	
177	08	9.2	18.63	11.3	279 20	
60	70.03	9	15 27.84 (½)	17 16 36.6 (½)	80 15	
175	71.04	8.9	27.93	36.4	279 48	
63	70.09	8-9	15 52.89	15 54 42.5	81 38	
177	71.08	8.8 zfl.	52.86	43.6	278 26	
59	70.02	h. 8-9	16 4.57	16 7 34.8	81 24	
176	71.05	(8.8)	4.65	35.5	278 38	
59	70.02	8	16 17.37	16 7 7.9	81 24	
176	71.05	(8.5)	17.37	8.3	278 38	
60	70.03	9	16 33.02 (½)	18 6 31.4 (½)	79 25	
175	71.04	8.8	33.04	33.1	280 38	
59	70.02	8-9	16 50.33 (½)	16 16 30.9 (½)	81 15	
176	71.05	(9.1)	50.34	29.6	278 48	unsicher
177	08	8.3	50.32	29.6 (½)	278 48	
63	70.09	s. 7	16 50.87	19 27 37.5	78 4	
174	71.04	7.5	50.72	38.1	281 58	
			3^h			
59	70.02	s.9…s.8-9	17m 10s.15	17° 6′ 20″.3	80° 26′	
176	71.05	(h. 9) {	10.23	20.1	279 38	} Dpl. { praec.[1]
			10.40	19.3	279 38	med.[2]
177	08	{ 8.5	10.07	19.5	279 38	} Dpl. 5″ 130°[3]
		{ 9.3	10.26	16.9	279 38	
64	70.10	s. 9	17 24.76	18 37 4.6	78 54	
175	71.04	8.8	24.99	8.5 (½)	281 8	
65	70.10	s. 8-9	17 32.85	18 57 24.7	78 34	
174	71.04	8.7	32.87	24.5	281 28	
65	70.10	9	18 17.09	18 27 15.6	79 4	
175	71.04	9.0	17.03	17.2 (½)	280 58	
65	70.10	s. 8-9	18 18.79	17 18 14.4	80 14	
175	71.04	8.5	18.90	13.4	279 50	
65	70.10	s. 9	18 21.65	17 23 30.4	80 8	
175	71.04	9.1	21.55	31.6	279 54	
66	70.10	h. 8-9	18 22.78	15 23 4.4	82 8	
179	71.08	8.0	23.02	4.7	277 54	
59	70.02	9	18 25.86	16 42 6.2	80 50	
176	71.05	(9.9)	25.90 (½)	6.4 (½)	279 12	unsicher
177	08	9.2	25.76	7.2	279 14	
63	70.09	h. 9	18 30.72	19 5 49.3	78 26	
174	71.04	9.1	30.61	50.2	281 36	18° 480 9m.2
63	70.09	9	18 52.26	19 48 14.4	77 44	
178	71.08	8.5	52.23	13.6	282 20	
60	70.03	7-8	19 55.18	18 19 1.6	79 12	
178	71.08	7.0	55.14	3.1	280 50	
63	70.09	9-10	20 9.31 (½)	15 0 [25 ±]	82 32	3 F.
64	10	s. 9	9.35	27.7	82 32	
178	71.08	9.2	9.36	29.0	277 32	
60	70.03	s. 9	20 23.79	18 45 3.9	78 46	
174	71.04	9.0	23.87	4.7	281 16	
64	70.10	h. 8-9	20 35.45	16 13 30.6	81 18	
71	13	8-9	35.46	30.3	278 46	
60	70.03	s.8…h.8-9	20 47.16	18 26 49.4	79 4	
174	71.04	8.5	47.11 (½)	50.2	280 58	1 F.
175	04	8.0	47.16	50.7	280 58	
65	70.10	{ s. 8	20 49.17 (½)	20 1 38.7	77 30	3 F. } Dpl. 8″
		{ 9	49.37 (½)	29.2	77 30	2 » } 170°
66	10	{ s. 8	49.27	36.8	77 30	} Dpl. 8″ 165°
		{ h. 9	49.52	28.3	77 32	
174	71.04	{ 7.9	49.30	39.0	282 32	} Dpl. 10″,
		{ 8.8	49.46 (½)	30.8 (½)	282 32	160° ±
64	70.10	8-9	21 5.05 (½)	16 43 53.8 (½)	80 49	
71	13	h. 9	5.12	54.8	279 10	
63	70.09	9*	21 7.23	15 26 53.3	82 6	* W., schw.
178	71.08	9.0	7.25	54.6	277 58	[(Hgl. — 0.040)]
59	70.02	9-10	21 13.41	16 23 57.2	81 8	
177	71.08	9.2	13.43	57.8	278 54	
65	70.10	h. 8-9	21 35.38	20 11 21.8	77 20	
175	71.04	7.5	35.44	21.1	282 42	
63	70.09	8-9	22 17.81	15 45 57.3	81 46	
177	71.08	8.5 gz zfl	17.86	56.9	278 16	
60	70.03	9	22 39.27 (2)	18 18 25.3 (½)	79 13	
174	71.04	9.0	39.27	25.6 (½)	280 50	
58	70.02	8	22 39.45	16 19 49.1	81 12	
176	71.05	(7.8)	39.38	49.0	278 50	
64	70.10	9…s.9	23 17.34	19 40 26.7	77 52	
71	13	h. 8-9	17.40	26.1	282 12	

[1] Allein deutlich sichtbar
[2] Com. kaum zu beob.
[3] Com. 4–5″ entf., 135° ± vermuthet

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			3^h			
58	70.02	s. 8	$23^m 46^s.69$	18° 22′ 19″.0 (½)	79° 11′	
174	71.04	8.5	46.67	19.0 (½)	280 54	
64	70.10	h. 9	24 2.47	19 21 10.2	78 10	s. unr., dpl.?
71	13	{ 8-9	2.37	10.2	281 54	} Dpl. 3″ 175°
		{ h. 9	2.38	6.8	281 54	
63	70.09	s. 7-8	24 15.12	17 30 32.8	80 0	
176	71.05	(8.8)	15.19 (½)	32.9 (½)	280 2	
59	70.02	s.8 .. h.8-9	24 18.54	17 22 59.7	80 8	
177	71.08	8.5 *	18.50	59.4	279 54	* in ruh. Mom. $8^m.3$
60	70.03	s. 8	24 35.49	18 22 20.4	79 10	
175	71.04	8.0	35.57	20.1	280 54	
58	70.02	s. 8-9	25 2.76	16 18 12.5	81 14	
178	71.08	8.6	2.80 (½)	13.7 (½)	278 50	
63	70.09	8	25 15.15	19 44 57.6	77 46	
174	71.04	8.5	15.15	58.5	282 16	
59	70.02	s. 8-9	25 21.18	17 11 20.3	80 20	
175	71.04	8.7	21.13	21.3	279 42	
59	70.02	8-9	25 53.00	15 7 20.2	82 24	
60	03	h. 8-9	53.04	22.2	82 24	
180	71.09	9.0	53.07	18.8	277 38	
58	70.02	s. 7-8	25 54.68	16 10 36.2 (½)	81 21	
178	71.08	7.5	54.70 (½)	37.6 (½)	278 42	
60	70.03	s.8 .. h.8-9	25 57.45	18 57 34.3 (½)	78 35	
174	71.04	8.5	57.49	33.7	281 28	
59	70.02	h. 9	26 19.31	15 6 49.0	82 24	
180	71.09	9.3	19.21	48.3	277 38	
58	70.02	h. 9	26 33.94	16 54 23.8 (½)	80 37	
65	10	s. 8-9	34.01	23.6	80 38	
175	71.04	8.8	34.01	24.0	279 26	
64	70.10	h. 8-9	26 40.85	17 48 16.3	79 44	
71	13	h. 8	40.73	16.6	280 20	
63	70.09	9-10	26 55.62	15 12 [16±]	82 20	
65	10	s.9 .. h.9-10	55.51 (½)	20.5 (½)	82 21	Bem. [1]
180	71.09	9.5	55.49	14.0	277 44	
64	70.10	s. 6	27 1.11	17 25 18.0	80 6	
71	13	h. 7	1.17	18.5	279 58	
60	70.03	h. 8 (W.?)	27 12.40	19 57 9.1	77 34	
174	71.04	8.5	12.47	9.1 (½)	282 28	
59	70.02	{ 8-9	27 16.37	19 22 28.8	78 8	} Dpl.
		{ h. 8-9	16.46	35.9	78 8	
71	13	{ h. 8-9	16.35	26.7	281 56	} Dpl. 10″ 185°
		{ s. 8	16.35	36.4	281 56	
58	70.02	s. 9	27 25.61	18 27 13.5	79 4	
175	71.04	9.0	25.76	14.1	280 58	
64	70.10	h. 9	27 44.87	19 23 25.5	78 8	
174	71.04	8.8	44.88	26.4	281 54	
65	70.10	h. 9	27 47.82	15 42 32.9	81 50	
175	71.04	8.5	47.79	32.8	278 14	
64	70.10	9	27 47.97	18 53 35.5	78 38	
71	13	9 .. s.9	48.01	35.4	281 26	
60	70.03	9	27 57.18	19 48 4.9	77 44	
174	71.04	9.2	57.13	4.9	282 18	
58	70.02	8	28 9.12	18 29 6.9	79 2	
175	71.04	7.4	9.01	7.3	281 0	
59	70.02	h. 8	29 2.70	16 3 37.3	81 28	
180	71.09	8.2	2.82	37.1	278 34	
58	70.02	s. 8-9	29 10.08 (½)	17 23 43.8 (½)	80 9	
180	71.09	8.6	10.07 (½)	44.3 (½)	279 54	

[1] Der starke Unterschied der Declination fällt haupsächlich dieser Beob. zur Last; aber 2 gut stimmende Einst

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			3^h			
64	70.10	8	$29^m 10^s.39$	19° 8′ 34″.9	78° 24′	
71	13	8-9	10.36	35.1 (½)	281 42	
63	70.09	(wie 9-10)	29 11.06	19 39 5.6	77 52	Wolk.
65	10	7-8	10.99 (2)	7.2 (2)	77 53 [2]	
174	71.04	7.8	11.00	7.3	282 10	
60	70.03	s.8-9 .. 8-9	29 15.09	17 56 40.5 (½)	79 35	
175	71.04	8.3	15.10	42.5	280 28	
58	70.02	9-10	29 46.94	16 48 26.1	80 44	
180	71.09	9.4	46.96	27.0	279 20	
60	70.03	s.8-9 .. 8-9	29 54.17	17 56 56.9 (½)	79 35	
175	71.04	8.5	54.17	57.4 (½)	280 28	
59	70.02	s. 9	29 54.31	19 3 9.3	78 28	Fäd. st. schl.
174	71.04	9.5	54.51	10.5	281 34	
65	70.10	h.9 .. s.8-9	30 8.51	17 29 47.5 (½)	80 2	
175	71.04	8.4	8.55	47.6	280 0	
60	70.03	s. 8-9	30 12.62	18 10 56.1	79 20	
180	71.09	8.7	12.78	57.1	280 42	
64	70.10	s. 8-9	30 15.16	17 47 24.4	79 44	
71	13	s. 8-9	15.05	24.9	280 20	
63	70.09	(wie s. 9)	30 47.02	15 1 5.9	82 30	
64	10	6-7	47.04	5.9	82 30	s. unr.
71	13	7	46.90 (½)	5.5 (½)	277 34	
242	74.12	—	46.97	—	82 —	
243	13	—	46.91	4.2	82 31	
59	70.02	s. 9	30 51.15	19 49 20.3	77 42	
174	71.04	9.3	51.13	21.4 (½)	282 20	
60	70.03	9-10	30 54.70	18 4 5.0	79 28	etw. uns.
175	71.04	9.3	54.82	6.4 (½)	280 34	
60	70.03	8 .. h.8 *	30 59.88	18 56 55.0	78 34	* Wolk.
180	71.09	7.5	59.89	53.7 (½)	281 28	
65	70.10	h. 9	31 19.48	17 11 14.5	80 20	
179	71.08	8.7	19.60	15.8	279 42	
59	70.02	9 .. s.9	31 35.34	19 58 54.2	77 32	
174	71.04	9.2	35.39	54.8	282 30	
58	70.02	s. 9	32 16.32	16 47 54.6	80 44	
175	71.04	9.2	16.19	55.7	279 18	
64	70.10	9-10	32 17.03	17 28 44.4	80 2	
71	13	h. 9-10	17.09	44.4	280 2	
58	70.02	6	32 21.59	16 7 41.8	81 24	
180	71.09	6.9	21.58	43.1 (½)	278 38	
60	70.03	—	32 23.26	17 58 57.7	79 32	
175	71.04	8.2	23.39	57.4	280 30	
59	70.02	s. 8-9	32 —	15 26 39.3	82 4	
65	10	s. 8-9	24.29	40.7	82 4	
179	71.08	8.5	24.24	39.2 (½)	277 58	
64	70.10	9 .. s.9	32 39.90	17 42 2.5	79 50	
71	13	9 .. s.9	39.94	2.2	280 14	
65	70.10	s. 9	32 49.02	19 24 10.5	78 8	
174	71.04	9.3	49.07	9.9 (½)	281 56	
59	70.02	s.8 .. h.8-9	32 —	15 57 9.3	81 34	
65	10	8-9	57.01	8.8	81 34	
175	71.04	8.2	57.11	8.2	278 28	
64	70.10	s. 9	33 33.89	17 41 45.9	79 50	
71	13	s. 9	33.91	46.7	280 14	
58	70.02	9	33 53.10	16 45 31.2	80 46	
175	71.04	9.1	53.19	32.3 (½)	279 16	
59	70.02	8	34 —	18 59 2.6	78 32	
65	10	8-9 .. h.8-9	14.97	4.1 (½)	78 33	
174	71.04	8.3	15.06	3.3	281 30	

[2] 2 Abl. von 77° 52′, 1 von 77° 54′

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			3h			
58	70.02	h.9	35m 1s.30	16° 33' 10".7	80° 58'	
175	71.04	8.6	1.32	12.0 (½)	279 4	
59	70.02	5.6–s.5	35 —	19 17 54.0	78 14	
63	09	(7.?)	6.45	54.7	78 14	
174	71.04	5.5:	6.53	54.8 (½)	281 48	
242	74.12	—	6.54 v.	—	78 —	
243	13	—	6.50 v.	53.1	78 15	
64	70.10	8.9	35 16.16	19 44 57.1	77 40	
71	13	h.8-9	16.08	57.5	282 18	
59	70.02	9	35 —	17 28 20.7	80 4	
65	10	h.9–s.8.	16.96	20.2	80 4	
179	71.08	8.9	16.96	19.0 (½)	280 0	
58	70.02	7-8	35 31.80	16 53 26.7	80 18	
175	71.04	7.4	31.82	27.7 (½)	279 24	
59	70.02	9	36 —	19 15 40.1	78 16	
65	10	h.9	17.41	40.1	78 16	
174	71.04	9.2	17.36	40.0 (½)	281 40	
64	70.10	s.8	36 17.53	16 1 16.5	81 30	
71	13	8	17.50	17.1	278 24	
59	70.02	[illegible]	36 —	19 16 6.3	78 16	6.6–6.7 ±1
63	09	7-8:	33.63	5.6	78 16	
65	10	6-7	33.60	4.6	78 16	
174	71.04	6.5:	33.58	7.0	281 36	
64	70.10	8-9	36 49.39	15 37 36.7	81 54	
71	13	8.9–s.8.9	49.29	37.0	278 16	
68	70.11	h.9	37 7.03	20 6 17.8	77 20	
174	71.04	9.2	6.85	20.4	282 36	
66	70.10	h.9	37 —	16 1 51.4	81 30	
67	10	9	13.15	54.7	81 30	
180	71.09	8.6	13.09 (½)	53.8 (½)	278 32	
67	70.10	h.9-10	37 14.26	18 45 59.7	78 46	
179	71.08	9.7	14.30	57.7	281 18	
65	70.10	9	37 26.94	17 21 4.4	80 10	
179	71.08	8.5	26.84	3.5	279 52	
66	70.10	s.8-9	37 —	19 26 7.2	78 6	
67	10	h.8-9	39.62	7.3	78 6	
175	71.04	8.1	39.69	6.5	281 56	
68	70.11	9	37 49.15 (½)	16 0 55.6 (½)	78 23	
174	71.04	9.3	49.17	56.3	281 40	
68	70.11	8	38 31.20	15 32 7.1	81 40	
179	71.08	8.0	31.02	6.1	278 24	
64	70.10	9-10	38 41.61	19 55 40.2	77 36	
71	13	h.9-10	41.73	40.3	282 28	
66	70.10	9	38 —	18 10 24.7	79 22	
67	10	s.8-9	51.09	26.6	79 22	
175	71.04	8.8*	51.13	25.3	280 42	* nicht heller
65	70.10	h.8-9	39 16.03	15 58 55.0	81 32	
179	71.08	8.3	16.00	54.4	278 30	
66	70.10	9	39 —	17 53 34.7	79 38	
67	10	s.9	46.19	34.1	79 38	s. unr.
175	71.04	8.8	46.33	36.7	280 24	
64	70.10	h.9-10	40 15.03	19 4 53.5	78 26	
71	13	s.9–h.9-10	15.09	53.7 (¼)	281 38	
174	71.04	9.4	14.95	55.9 (½)	281 36	
65	70.10	8-9	40 29.10	16 18 59.6	81 12	
175	71.04	8.0	29.09	19 0.3	278 50	
64	70.10	9	40 46.72	18 16 31.7	79 16	
71	13	s.9	46.68	32.2	280 50	
66	70.10	h.8-9–s.8	40 —	16 34 29.4	80 58	
67	10	8-9 gr. zfl	53.76	31.5	80 58	
180	71.09	8.4	53.88	30.1 (½)	279 6	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			3h			
66	70.10	[illegible]	41m —	18° 53' 34".6	78° 38'	
67	10	s.9	3.23	37.2 (½)	78 38	fast unsich[er]
174	71.04	9.2 zfl.	3.11	38.4	281 26	[+Hgl. —[illegible]
220	00	9.2	3.10 (½)	37.2 (½)	78 38	3 F
64	70.10	[illegible]	41 30.89	15 7 8.7	82 24	
71	13	s.8	30.81	10.6	277 40	
68	70.11	h.8-9	41 50.30	15 11 59.8	82 20	
179	71.08	8.6	50.30	12 0.4	277 44	
68	70.11	[illegible]	41 51.87	16 4 58.5	81 27	
180	71.09	8.0	51.71	59.0 (½)	278 36	
66	70.10	h.8-9	42 —	17 25 17.7	80 6	
67	10	8-9	12.83	16.6	80 6	
175	71.04	8.5	12.81	16.4	279 56	
64	70.10	[illegible]	42 28.00	17 54 21.6	79 36	[illegible]
71	13	9.10	27.90	23.2	280 28	Dpl.²
58	70.02	8.9	42 31.88	16 10 56.7	78 20	Fäd. st. sch[…]
65	10	8-9	31.83	11 1.3	78 20	
174	71.04	8.6	31.74	0.4 (½)	281 42	
66	70.10	8.9	43 —	15 37 5.1	81 54	
67	10	h.8-9	9.12	4.2	81 54	
271	71.08	9 h. zfl.	9.28	5.4	278 8	
68	70.11	8-9	43 12.12	18 52 11.5	78 38	
179	71.08	8.5	11.13	21.0	281 24	
66	70.10	[illegible]	43 —	17 6 11.8	80 20	
67	10	8	14.37	14.4	80 20	s. unr.
175	71.04	7.5	14.33	11.9	279 38	
64	70.10	h.9	44 20.25	17 23 45.5	80 8	
71	13	h.9	20.15	44.8	279 56	
65	70.10	s.9	44 20.28	19 25 9.6	78 6	
175	71.04	9.0	20.01	9.9	281 56	
220	00	8.8	20.51	10.5	78 8	
64	70.10	9	44 51.02	17 45 27.1	79 46	
71	13	s.h.9	54.95	28.7	280 18	
65	70.11	h.8-9	45 6.72	18 52 27.6	79 0	s. unr.
179	71.08	8.2	6.84	26.5	281 4	
220	00	8.7	6.17	28.1	79 0	
64	70.10	8	45 12.37	18 13 17.4	79 18	s. unr.
71	13	s.8	12.30	18.7	280 46	
58	70.02	s.8-9	45 22.04	16 13 57.3	78 18	
174	71.04	8.4	22.02	56.8	281 46	
66	70.10	9	45 —	15 35 56.8	81 56	
67	10	h.9	36.32	58.1	81 56	
175	71.04	8.8	36.45	54.8	278 8	
58	70.02	h.9	45 46.17	19 49 57.4	77 42	
174	71.04	8.9	46.35	57.6	282 22	
65	70.10	s.9	45 56.81	17 38 17.2	79 54	
179	71.08	9.3	56.78 (½)	16.4 (½)	280 10	
220	00	9.0	56.86	15.0	79 54	
66	70.10	5	46 —	16 57 12.1	80 34	
68	11	6–s.6	1.21	9.7	80 34	
179	71.08	7.0	1.11	12.3	279 28	
66	70.10	9–s.9	46 —	15 12 40.4	82 18	
67	10	9	11.24	38.6	82 18	
178	71.08	9.2	11.34	38.2	277 44	
58	70.02	s.8-9	46 30.34	16 33 24.8	80 58	
175	71.04	7.8	30.25	23.6	279 4	
69	70.11	h.9	46 40.41	20 15 8.4	77 18	
175	71.04	9.0	40.36	7.3	282 44	
64	70.10	8-9	46 44.40	15 42 56.0	81 48	
71	13	h.9	44.51	56.4	278 16	
220	71.00	8.5	44.40	56.5	81 50	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			3^h			
64	70.10	9‥s.9	46^{m}51^s.95	15° 14′ 18″.8	82° 16′	
71	13	9‥s.9	51.98	18.6	277 48	
64	70.10	h.8-9	47 9.50(½)	18 15 11.0	79 16	3 F.
71	13	8-9	9.54	9.3	280 48	
229	71.99	8.0	9.52	11.0	79 18	
68	70.11	s.7	47 20.25	16 15 2.6 (½)	81 16	
177	71.08	7.5	20.22	3.5 (½)	278 46	
58	70.02	9-10	47 28.03:(½)	19 43 52.8::(½)	77 48	Fäd. st. schl.
68	10	9‥s.9	27.92	54.2	77 48	
174	71.04	9.2	27.82	55.5	282 16	
66	70.10	s.8-9	47 —	16 58 21.2	80 34	
67	10	8	28.84	20.4	80 32	[zfl.
179	71.08	[8.5*]	28.88	21.9	279 30	* erst 8^m, dann
69	70.11	9‥h.9	47 40.41	17 14 11.0	80 18	17°655 s.9^m
179	71.08	9.2	40.25(½)	10.7 (½)	279 46	
68	70.11	9	47 44.67	19 43 43.9	77 48	
174	71.04	9.1	44.65	45.1	282 16	
69	70.11	9	47 46.03	18 0 27.3	79 32	
179	71.08	9.2	46.03	27.6	280 32	
64	70.10	h.8-9‥s.8	47 —	18 13 14.2	79 18	
69	11	8	54.27	13.9	79 18	
71	13	8-9	54.41	14.8	280 46	
69	70.11	h.9	47 58.24(½)	16 37 45.0	80 54	3 F.
175	71.04	9.0	58.31	46.2	279 8	
68	70.11	h.9‥s.8-9	48 6.13(½)	19 0 54.8 (½)	78 30	
177	71.08	8.7	6.22	53.5	281 32	
66	70.10	s.8	48 —	17 15 48.6	80 16	
67	10	h.8	17.35	48.7	80 16	
175	71.04	7.8	17.34	50.1	279 46	
64	70.10	s.8-9	48 —	18 51 39.8	78 40	
66	10	9	—	38.4	78 40	s. unr.
67	10	9	55.57(½)	39.7 (½)	78 40	
71	13	9‥s.9	55.71	40.2	281 24	
59	70.02	h.9	49 15.05	19 21 44.6	78 10	
174	71.04	8.9	15.05	42.1	281 52	
229	99	9.0	15.08	42.4	78 10	
59	70.02	8-9‥s.8-9	49 37.17	19 43 6.0	77 48	
174	71.04	8.7	37.20	5.0	282 14	eng. dpl. 340°:
229	99	8.5	37.24	5.3	77 50	
64	70.10	8-9	49 —	18 28 30.7	79 4	äuss. unr.
66	10	s.8-9	—	31.5	79 4	
67	10	h.8-9	49.49	31.5	79 4	
71	13	[s.9·W ?]	49.62	31.8	281 2	
68	70.11	9‥h.9	49 49.78	15 10 18.9	82 22	
175	71.04	8.4	49.77	19.4	277 42	
229	71.99	8.2	49.76	20.4	82 22	
58	70.02	8-9	50 6.18	19 54 21.1	77 38	
68	11	h.9	6.08	19.7	77 38	
174	71.04	9.1	6.17	20.0 (½)	282 26	
59	70.02	h.8-9	50 —	15 15 57.9	82 16	
66	10	8-9	—	57.4	82 16	
67	10	s.8‥h.8-9	55.80	58.2	82 16	
175	71.04	8.5	55.79	57.4 (½)	277 48	
64	70.10	8-9	51 36.23	16 45 37.0	80 46	16°537 9^m
71	13	[9-10]	36.19(½)	37.3	279 18	
229	71.99	8.1	36.23	36.6	80 46	
58	70.02	s.8-9	51 47.76	16 32 52.9	80 58	
175	71.04	8.7	47.85	53.5	279 4	
229	99	8.8	47.70(½)	54.1 (½)	81 0	
59	70.02	9	52 —	15 27 20.7	82 4	
66	10	9‥h.9	—	21.8	82 4	
67	10	9	8.65	21.3	82 4	
175	71.04	8.8	8.75	21.3 (½)	277 58	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			3^h			
59	70.02	9‥h.9	53^m —	20° 1′ 35″.5	77° 30′	
66	10	h.9	—	35.0	77 30	
67	10	h.9	21^s.26	34.5	77 30	
174	71.04	8.5	21.34	35.7	282 32	
68	70.11	s.9	53 23.10	19 56 51.8	77 36	Z. 66: 9^m
174	71.04	8.9	23.08	50.7	282 28	
59	70.02	h.8-9	53 —	20 3 30.0	77 28	
66	10	8-9	—	28.5	77 28	
67	10	h.8-9	23.63	28.7	77 28	
174	71.04	8.0	23.54	28.9	282 28	
68	70.11	h.7	53 28.50	16 56 30.9	80 36	
175	71.04	7.0	28.45	32.5	279 28	
229	99	7.3*	28.48	32.1 (½)	80 36	* wohl z. schw. gesch.
69	70.11	h.6-7	53 36.74(½)	17 50 21.4 (½)	79 42	
180	71.09	7.1	36.71(½)	22.2 (½)	280 22	
69	70.11	8	53 41.48	15 7 17.5	82 24	
180	71.09	8.3	41.53(½)	17.1 (½)	277 38	
64	70.10	7-8	53 50.19	19 50 48.4	77 42	
71	13	schw. W	50.33(½)	48.3	282 24	3 F.
68	70.11	s.9	54 13.50	19 14 36.2	78 18	
178	71.08	9.0	13.62	34.7	281 46	
59	70.02	9	54 —	19 27 28.6	78 4	
68	11	s.9‥h.9-10	14.84	27.0	78 4	
177	71.08	9.2	15.01	28.0	281 58	
58	70.02	8	54 41.73	19 34 25.3	77 58	
177	71.08	8.0	41.80	25.6	282 6	
58	70.02	9-10	54 46.74	20 0 32.2	77 32	
174	71.04	9.2	46.89	33.0	282 32	
59	70.02	s.9	55 —	15 11 20.0	82 20	
66	10	s.9‥h.9-10	—	16.8	82 20	
67	10	s.9	6.09	18.7	82 20	
179	71.08	9.3	6.03	18.0	277 42	
64	70.10	9	55 26.61	16 31 45.3	81 0	
178	71.08	9.2	26.54	46.3	279 2	
64	70.10	9	55 57.84	18 19 12.9	79 12	
179	71.08	8.5	57.85	10.8	280 50	
59	70.02	h.9‥s.8-9	55 —	15 20 15.9	82 12	
66	10	9‥s.9	—	12.9	82 12	
67	10	9	58.63	13.0	82 12	
179	71.08	9.0:	58.34	14.5	277 52	
58	70.02	9-10	56 31.47::(½)	19 27 37.3::(½)	78 4	
64	10	9-10	31.51	38.6	78 4	
180	71.09	9.8	31.74	37.9	281 58	
181	12	9.1	31.79(½)	38.6 (½)	281 58	
58	70.02	h.8-9	56 50.59	19 37 35.0	77 54	
178	71.08	8.5	50.55	32.9	282 8	
59	70.02	6-7	57 —	17 10 20.8 (½)	80 20	
66	10	s.7	—	21.2	80 22	äuss. unr.
67	10	7-8:	30.42	20.1	80 22	s. unr.
74	15	7	30.45	19.8	279 40	
59	70.02	9	57 —	16 16 57.0	81 14	
67	10	9	30.52	55.4	81 14	1 F. — 0^s.39 abw.
178	71.08	9.1	30.58	56.1	278 48	
58	70.02	8-9	57 57.45	19 47 45.6	77 44	
174	71.04	8.5	57.47(½)	44.2 (½)	282 20	
64	70.10	9	58 9.86	17 19 47.3	80 12	
179	71.08	9.2	9.71(½)	44.5 (½)	279 50	
64	70.10	s.9	58 19.69	15 20 32.8	82 12	
177	71.08	8.8	19.82	33.9	277 52	
58	70.02	h.8-9	58 20.20	19 36 42.2	77 54	
174	71.04	8.5	20.26	43.0 (½)	282 8	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			3h			
67	70.10	9	58m 37s.40	15° 23' 49".7	82° 8'	Z. 66: h 9m
177	71.08	8.5	37.36	50.1	277 50	
68	70.11	8	58 51.13	15 9 30.4	82 22	
177	71.08	8 gz. zfl.	51.11	33.3	277 40	
58	70.02	s. 8-9	59 0.16	19 32 2.2 (½)	78 1	
179	71.08	8.5	0.06 (½)	2.7 (½)	282 2	
64	70.10	h. 8-9	59 10.38	15 21 29.2	82 10	
72	15	h. 8-9	10.49	27.9	277 54	
59	70.02	7-8	59 —	18 48 30.9 (½)	78 42	
66	10	h. 8	—	36.6	78 44	
67	10	8-9	22.91	37.4	78 44	äuss. unr.
178	71.08	7.6	22.83	35.7	281 20	
68	70.11	s. 9	59 25.28	16 1 3.6	81 30	
177	71.08	9.2	25.36	2.8	278 32	
68	70.11	8-9	59 33.92 (½)	17 19 29.0 (½)	80 13	
178	71.08	8.0	33.87	28.2	279 50	
			4h			
59	70.02	8	0 —	16 11 40.2	81 20	
67	10	s. 8	47.70	41.2	81 20	äuss. unr.
74	15	8	47.66	41.1	278 42	
232	72.05	8.5	47.63	39.6	278 42	
64	70.10	s. 6 *	0 49.98	17 0 12.7	80 32	* röthlich
71	13	—	50.08	12.8	279 34	
72	15	6-7 *	49.94	—	279 34	* st. röthl.
58	70.02	8	1 4.62	19 24 8.4	78 8	
177	71.08	7.9	4.68	9.5	281 50	
229	99	7.7	4.66 (½)	8.1 (½)	78 8	
58	70.02	s. 9 (W.)	1 38.88 (½)	19 50 10.7 (½)	77 42	
177	71.08	8.8	38.82	12.8	282 22	
229	99	9.1	38.84	9.7	77 42	
59	70.02	s. 8	1 —	16 57 32.7	80 34	
64	10	s. 8	40.06	31.8	80 34	
72	15	8	40.08	30.5	279 30	
232	72.05	8.0	40.02	31.4	279 28	
58	70.02	(h. 6 (W.))	1 53.06	19 16 36.6	78 14	
74	15	4.5	53.06	37.3 (½)	281 47	
229	71.99	5.0 orge	53.16	36.7	78 16	
242	74.12	—	53.22 (0.6)	—	78 —	
68	70.11	8-9	2 8.52	18 34 27.7	78 58	
178	71.08	8.5	8.50 (½)	27.5 (½)	281 6	
64	70.10	9	2 13.56	16 49 47.1	80 42	
72	16	s. 9	13.47	46.8	279 22	
232	72.05	9	13.49	47.1	279 20	
59	70.02	9 .. s. 9	2 —	17 10 5.2	80 22	
67	10	9	22.63	3.4	80 22	s. unr.; 1 Fad.
177	71.08	8.3	22.72	5.3	279 42	[−0s.43 abw.
59	70.02	s. 9	2 —	17 46 19.6	79 46	
66	10	9	53.48	18.4	79 46	
178	71.08	8.9	53.61	17.2	280 18	
58	70.02	8-9	2 59.02	18 8 40.2	79 22	
177	71.08	8.5:	58.95	39.5	280 40	
229	99	8.6	59.12	39.5	79 24	
58	70.02	6: (W.)	3 28.55 (½)	18 5 42.4	79 26	3 F.
74	15	s. 6	28.58	42.2	280 36	
229	71.99	7.0 *	28.62	42.1	79 26	* schw. orange
59	70.02	9 .. s. 9	3 —	14 54 29.1	82 38	
66	10	9	37.33	30.2	82 38	
178	71.08	8.7	37.35 (½)	29.8 (½)	277 26	
64	70.10	7-8	3 49.47	15 37 6.4	81 54	
72	15	7-8	49.36	6.6	278 10	
232	72.05	7.7	49.45	5.3	278 8	
64	70.10	s. 9	3 55.50	16 50 53.3	80 40	
177	71.08	9.2	55.45	53.4	279 22	
229	99	9.0	55.60	55.7	80 42	
			4h			
66	70.10	8	3m 55s.77	16° 19' 7".7	81° 12'	
74	15	6-7	55.65	8.9	278 50	
232	72.05	7.5 * zfl.	55.66	7.3	278 50	
66	70.10	8-9	4 5.71	15 17 56.6	82 14	* äuss. unr.
74	15	h. 8	5.67	56.0	277 48	
59	70.02	9	4 —	16 55 24.2	80 36	
67	10	8-9	30.23 (½)	24.1 (½)	80 37	
177	71.08	8.2	30.45	25.1	279 20	
232	72.05	9.2	30.24	22.1	279 20	
58	70.02	6 (W.)	5 21.32 (½)	16 57 14.0	80 34	1 F.
67	10	6-7	21.28	13.5	80 34	
74	15	5-6	21.25	12.1	279 28	
232	72.05	5.5	21.19	12.1	279 28	
59	70.02	s. 8-9	5 —	17 30 39.7	80 0	
67	10	h. 8-9	20.01	39.7 (½)	80 1	
177	71.08	8.3	20.06	38.1	280 2	
64	70.10	s. 8	5 32.97	19 12 56.1 (½)	78 18	
72	15	h. 8	33.04	56.5	281 46	
229	71.99	7.5	33.11	57.0	78 20	
64	70.10	s. 9	5 51.22	19 13 43.4	78 18	
72	15	9	51.13	42.9	281 46	
229	71.99	9.0	51.13 (½)	43.3 (½)	78 18	
59	70.02	s. 9	6 —	16 26 45.5	81 4	
66	10	s. 9	1.52	46.7	81 6	
178	71.08	8.0	1.45 (½)	44.8 (½)	278 58	
66	70.10	8.9	6 20.18	18 58 52.2	78 34	
177	71.08	8.5	20.22	51.4	281 30	
64	70.10	h. 8 — s. 8	7 0.37	18 34 26.4	78 56	
72	15	8-9	0.29	27.3	281 8	
229	71.99	8.0	0.51	27.6	78 58	
232	72.05	8.9	0.45	27.6	281 6	
64	70.10	h. 8-9	7 4.54	19 15 44.1	78 16	
72	15	8-9	4.36	42.5	281 50	
229	71.99	8.3	4.33	43.3	78 16	
232	72.05	8.7	4.40	43.2	281 46	
64	70.10	h. 9	8 3.81	18 18 28.3	79 14	
72	15	s. 9	3.79	28.2	280 52	
229	71.99	9.1	3.70	28.6	79 14	
232	72.05	9.2	3.68	28.4	280 50	
64	70.10	h. 8-9	8 6.35	18 40 11.4	78 52	
67	10	h. 8-9	6.41	10.2	78 50	
72	15	8-9	6.54	10.1	281 14	
177	71.08	8.2	6.39	12.1	281 12	zu helle Bel.
178	08	8.2	6.40 (½)	9.9 (½)	281 12	
67	70.10	9	8 27.82	18 38 54.1	78 52	
178	71.08	9.0	27.84	54.6	281 10	
229	99	8.8	27.90	55.2	78 54	
66	70.10	7 s. unr.	8 40.48	15 5 9.3	82 26	
74	15	5	40.51	9.7	277 36	
232	72.05	6.0	40.45	10.3	277 36	
242	74.12		40.18 (0.6)	—	82 —	
67	70.10	[illegible]	9 32.93	19 38 2.2	77 54	
177	71.08	8.3	33.09	2.7	282 10	
64	70.10	s. 6	9 41.85	15 54 8.0	81 38	
72	15	h. 7	41.78	8.9	278 28	
232	72.05	6:	41.86	8.8	278 26	
66	70.10	s. 8	9 44.12	19 22 1.8	78 10	s. unr.; dpl.
74	15	7	44.12	3.2	281 52	
229	71.99	7.4	44.18	1.5	78 10	
69	70.11	9	9 59.53	20 12 6.2	77 20	
178	71.08	8.1	59.75	4.9 (½)	282 44	
66	70.10	9	10 3.47	19 2 41.8	78 30	
175	71.04	8.9	3.46	42.0	281 34	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4^h			
58	70.02	8	$10^m 19^s.46$ (½)	$16^\circ 16' 47''.4$ (½)	$81^\circ 14'$	
177	71.08	8.2	19.53	46.7	278 48	
229	99	8.6	19.50	46.1	81 16	
232	72.05	8.6	19.55	46.4	278 48	
67	70.11	s. 8	10 21.29	19 15 3.2	78 16	s. unr.
74	15	7-8	21.30 (½)	4.1 (½)	281 45	
64	70.10	h. 8-9	10 28.70	16 38 17.4	80 54	
72	15	h. 9	28.66	18.2	279 12	
232	72.05	8.6	28.67	16.3	279 10	
67	70.10	8-9	10 42.99	17 5 25.5	80 26	
177	71.08	8.5	43.19	24.5	279 36	
67	70.10	s. 8-9	10 46.89	17 2 48.4	80 28	Z. 177: $8^m.5$
66	70.10	s. 8	10 47.78	17 56 54.8	79 34	
74	15	7-8	47.79	53.9	280 26	
67	70.10	9	11 11.34	15 46 48.6	81 44	
177	71.08	9.2	11.44	49.8	278 18	
229	99	9.1	11.44	51.5	81 46	
64	70.10	s. 8-9	11 26.41	17 30 6.7	80 2	
72	15	s. 8-9	26.36	5.8	280 4	
64	70.10	h. 9-10	11 26.51	17 32 5.1	80 0	
72	15	s. 9 .. h. 9-10	26.65	4.7	280 6	
66	70.10	s. 8-9	11 38.98	19 36 2.6	77 56	
175	71.04	8.5	39.02	2.8	282 8	
67	70.10	8-9:	11 55.95	17 13 9.5	80 18	
178	71.08	9.0	55.90	9.8 (½)	279 44	
229	99	8.8	56.17	7.2	80 20	δ-Abl. zweiflh.
67	70.10	s. 8-9 *	11 58.72	19 25 7.5	78 6	* gz. zfl.
175	71.04	8.5	58.74	8.7	281 56	
66	70.10	8-9	12 11.98	19 38 34.6	77 54	
175	71.04	8.2	11.92	33.2 (½)	282 10	
*						
68	70.11	7-8	12 45.60	16 13 10.1 (½)	81 19	
76	16	(h. 8 :)	—	8.9	278 44	
232	72.05	7.9	45.60	9.8 (½)	278 44	
66	70.10	s. 8	12 55.75	18 55 52.8	78 36	s. unr.
178	71.08	8.0	55.83	51.0	281 26	
67	70.11	7 s. zfl.	13 9.32	18 26 28.2	79 4	
74	15	6	9.34	26.5	280 58	
64	70.10	h. 8-9	14 10.52	17 57 58.1	79 34	
72	13	8	10.53	58.6	280 30	
232	72.05	8.3	10.53	57.9	280 28	
66	70.10	9	14 16.40	17 16 40.2	80 14	
177	71.08	8.5	16.34	39.1	279 48	
66	70.10	7	14 17.39	18 7 8.2	79 24	s. unr.
74	15	7	17.36	8.0	280 38	
229	71.99	7.5	17.45	7.6	79 24	
67	70.10	9	14 23.30	16 30 25.3	81 0	
177	71.08	9.0	23.35	25.4	279 2	
58	70.02	8-9	14 25.87	19 10 8.1	78 22	
175	71.04	8.4	25.88	7.3	281 42	
68	70.11	h. 9 .. s. 8-9	14 29.67	16 48 39.8	80 44	
178	71.08	8.7	29.73	38.4	279 20	
232	72.05	9.0	29.79	40.0	279 20	
59	70.02	h. 10	14 32.18	19 30 56.5	78 0	*U* Tauri
69	11	s. 9-10	32.01	57.6	78 0	h. 10^m s. f.
175	71.04	9.3	32.06	58.6 (½)	282 2	
68	70.11	h. 9	14 52.55	15 29 13.2	82 2	
178	71.08	8.6	52.63	11.8	278 0	

* Nr. 1137: γ Tauri, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4^h			
68	70.11	h. 9	$15^m 32^s.44$	$17^\circ 3' 40''.4$	$80^\circ 28'$	
178	71.08	9.0	32.35	39.1	279 34	
67	70.10	s. 8	15 34.17	16 29 44.0	81 2	
177	71.08	8.0	34.22	44.9	279 2	
*						
58	70.02	9	16 4.25	19 21 54.3	78 10	
175	71.04	8.9	4.25	53.5 (½)	281 54	
69	70.11	s. 9-10	16 7.01	20 9 21.1	77 22	[175°
179	71.08	gz. zfl.	(7.26±)	[18 ±]	282 40	Dpl. med. 10"
180	09	9.2	7.20	20.9	282 40	Dpl. 10" 160°
181	12	9.2	7.31 (½)	22.4 (½)	282 40	(s. 1154)
69	70.11	s. 9-10	16 7.18	20 9 12.9	77 22	
180	71.09	9.6	[7.48]	[10.2]	282 40	blosse Schätz.
181	12	9.7	7.31 (½)	12.9 (½)	282 40	s. schwier., doch brauchb.
69	70.11	7	16 14.77	16 29 2.5	81 2	
77	16	6	14.76	1.4	279 0	
68	70.11	h. 8-9	16 18.09	16 20 10.1	81 12	
178	71.08	8.2	18.03 (½)	6.7 (½)	278 52	
58	70.02	9	16 48.98	19 21 37.5	78 10	
175	71.04	9.0	49.02	38.1	281 52	
67	70.11	5 gz. zfl.	16 53.44	17 9 9.2	80 22	
72	15	s. 5	53.44	10.4	279 44	
69	70.11	s. 8-9	17 3.70	16 5 13.6	81 26	
177	71.08	8.3 zfl.	3.79	14.2	278 36	
69	70.11	h. 9	17 6.09	16 6 35.9	81 24	
177	71.08	8.7 zfl.	6.17	37.3	278 38	
69	70.11	9-10	17 10.85	17 10 51.8	80 20	
72	15	9-10	11.09	53.6	279 44	
66	70.10	h. 7-8	17 11.11	16 47 16.7	80 44	
77	16	7-8	11.07	16.6	279 18	
232	72.05	7.6	11.10	16.7	279 18	
68	70.11	8	17 17.54	16 35 43.3	80 56	
74	15	8 .. s. 8	17.60	42.6	279 6	
59	70.02	h. 8	17 27.16	18 37 21.0	78 54	
76	16	h. 8	27.22	20.8	281 8	
229	71.99	8.0 s. zfl.	27.21	20.6	78 54	
58	70.02	9	17 38.63	19 45 58.0	77 46	
175	71.04	8.8 zfl.	38.69	59.9	282 18	
67	70.10	6-7	17 40.04	18 45 9.1	78 46	
74	15	6	40.10	9.2	281 16	
232	72.05	7.0	40.03	9.6 (½)	281 16	
58	70.02	9	18 11.88	19 24 16.0	78 8	
175	71.04	9.0	12.00	13.1	281 56	
66	70.10	9	18 12.16	18 35 42.1	78 56	
72	15	9	12.23	43.8	281 8	
58	70.02	. . . *	18 13.33 (½)	19 28 26.8 (½)	78 4	* 9-10, h. 9-10
175	71.04	9.0	13.53	26.4 (½)	282 0	(2 Sch.)
59	70.02	s. 4-5	18 15.55	17 38 22.8	79 52	
74	15	4	15.57	25.1	280 8	
229	71.99	4.7	15.49	23.0	79 54	
68	70.11	h. 7	18 29.27	15 39 12.5 (½)	81 53	
76	16	7	29.22	11.7	278 10	
69	70.11	8	18 35.04	18 34 37.4	78 56	
72	15	8	34.98	38.2	281 8	
232	72.05	8.0	35.00	37.8 (½)	281 6	
66	70.10	8	18 41.56	17 9 36.3	80 22	
77	16	h. 8	41.50	37.3	279 40	
67	70.10	s. 8 zfl.	18 58.90	15 14 17.2	82 16	
76	16	h. 8	58.96	17.4 (½)	277 45	
229	71.99	7.8	58.93	16.9	82 18	

* Nr. 1151: δ Tauri, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4^h			
69	70.11	5-6	$19^m 13^s.43$	$15^\circ 19' 57''.1$	$82^\circ 12'$	
74	15	h. 4-5	13.50	57.8 (½)	277 51	
229	71.99	5.2	13.48	57.5	82 12	
59	70.02	s. 8 .. 8-9	19 13.88 (½)	16 34 4.1 (½)	80 56	Z. 72: 8^m
174	71.04	7.8	13.81	2.5	279 6	
66	70.10	8	19 20.64	16 52 9.1	80 40	
77	16	8	20.69	9.9	279 22	
68	70.11	s. 8	19 29.68	16 27 43.7 (½)	81 5	
72	15	8	29.60	43.6	279 2	
66	70.10	7:	19 40.51	16 44 44.9	80 46	
76	16	h. 7	40.54	42.9	279 16	
58	70.02	h. 8	19 42.83	19 33 31.4 (½)	77 59	
77	16	8	42.86	31.3	282 4	
59	70.02	8-9	19 43.30	18 50 14.6	78 40	
175	71.04	{ 9.3 k. s.	43.08 (½)	6.0 (½)	281 22	} Dpl. 8" 180°
		{ 7.5	43.26	13.9	281 22	
232	72.05	{ 9.5	43.18: (½)	7.8: (½)	281 22	} " 7 185
		{ 8.5	43.31	13.5	281 22	
67	70.10	s. .. h. 8 (zfl.)	19 51.07	17 55 23.4	79 36	
76	16	h. 7-8	51.01	23.9 (½)	280 26	Com. unsichtb.
59	70.02	8	20 28.64	15 18 25.6	82 12	
74	15	h. 8	28.65	25.2	277 50	
68	70.11	8-9	21 11.92	16 1 12.2	81 30	
72	15	h. 9	11.83	13.3	278 34	
69	70.11	6	21 17.75	16 4 39.9	81 26	
72	15	s. 5	17.70	42.2	278 38	
68	70.11	s. 8-9	21 17.79	19 27 43.3	78 4	
174	71.04	8.0	17.86	—	281 58	
177	08	8.4	17.67	41.8 (½)	281 58	
*						
69	70.11	4-5	21 26.19	15 40 58.0	81 50	
74	15	s. 3-4 .. h. 4	26.11	56.6	278 12	
74	70.15	3-4	21 31.56 (½)	15 35 29.0 (½)	278 7	
183	71.16	4	31.59	29.6	81 58	
59	70.02	h. 8-9	21 36.01	17 0 25.1	80 30	
76	16	8	36.08	24.8	279 30	
69	70.11	7-8	21 50.81	15 52 50.8 (½)	81 38	
74	15	7	50.81	52.1	278 24	
68	70.11	7	22 7.43	17 16 3.6 (½)	80 16	
72	15	7-8	7.48 (½)	3.4 (½)	279 50	
59	70.02	7-8	22 16.32	17 35 10.7	79 56	
76	16	h. 7	16.27	10.2	280 6	
232	72.05	7-8	16.39	11.2	280 6	Z. 174: $8^m.0$
59	70.02	9	22 17.46	17 37 0.6	79 54	
174	71.04	9.2	17.44 (½)	36 59.0 (½)	280 8	
232	72.05	9.2	17.48	58.3	280 8	
68	70.11	8	22 35.54	17 24 4.4	80 8	
76	16	8	35.58	3.0	279 54	
230	71.99	8.4	35.43	3.2	80 8	
69	70.11	8	22 56.88	15 53 42.9	81 38	
72	15	s. 8	56.86	41.9	278 28	
231	72.02	8.2	56.89	40.9	81 38	
58	70.02	8	22 58.03	19 33 58.1	77 58	
77	16	7-8	58.11	57.3	282 4	
74	70.15	5-6	23 0.96	15 21 46.5	277 53	
183	71.16	6	0.93	46.6	82 10	
69	70.11	5	23 24.43	15 55 11.6	81 36	
72	15	5	24.43	12.1	278 28	
230	71.99	4.8	24.32	12.6	81 36	

* Nr. 1188: ε Tauri, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4^h			
59	70.02	9	$23^m 24^s.42$	$17^\circ 7' 24''.0$	$80^\circ 24'$	
77	16	8-9	24.44	25.0	279 38	
229	71.99	8.8	24.39 (2)	25.8	80 24	
74	70.15	h. 6	23 31.16	15 25 5.6	277 56	
183	71.16	6.5	31.03 (½)	6.1 (½)	82 8	
69	70.11	7-8	23 37.71	15 52 32.0	81 38	
72	15	7-8	37.67	31.9	278 26	
230	71.99	7.8	37.53	30.9	81 40	
58	70.02	8-9 W.*	23 54.90 (½)	19 51 40.4	77 40	zeitw. ä. schw.
68	10	s. 8-9	54.70	39.8 (½)	77 40	[Hgl. −.03]
76	16	h. 9	54.81	41.1	282 22	
232	72.05	8.9	54.77	41.0	282 22	
174	71.04	9.3	24 6.29	16 59 56.7	279 30	
229	99	9.1	6.31	57.6	80 32	
230	99	9.1	6.28	55.1	80 32	
59	70.02	8-9	24 13.70	15 32 37.6	81 58	
77	16	h. 8-9	13.77	37.4	278 4	
231	72.02	8.2	13.72	37.3 (½)	82 0	
69	70.11	9 .. s. 9	24 36.95	16 56 15.0	80 34	
72	15	9 .. s. 9	37.07	14.3	279 30	
229	71.99	8.8	37.06	14.8	80 36	
59	70.02	h. 7	24 43.43	15 34 52.6	81 56	
74	15	6-7	43.44	52.5	278 6	
231	72.02	6.5	43.34	51.9	81 58	
232	05	6.0	43.39	52.5	278 6	
68	70.11	9	25 27.03	17 35 35.3	79 56	
72	15	s. 9	26.97	33.8	280 8	
230	71.99	8.9	27.05	33.4	79 56	
59	70.02	s. 9	25 41.27	15 44 17.7	81 46	
174	71.04	8.5	41.37	18.2	278 16	
232	72.05	9.1	41.37	18.2	278 16	
58	70.02	h. 8	25 42.80	19 4 52.6	78 26	
76	16	h. 8	42.87	52.5	281 36	
69	70.11	h. 9	25 51.16	15 33 7.3	81 58	
74	15	8-9	51.17	5.4 (½)	278 5	
231	72.02	8.9	51.15	5.4	82 0	
58	70.02	8-9	26 4.06	19 32 49.7	77 58	
174	71.04	8.9	4.12	49.8	282 4	
183	71.16	8.9	26 17.96	15 41 40.1	81 50	Z. 231: $9^m.0$
68	70.11	7-8 u. 7-8	26 18.98	17 45 1.7	79 46	Dpl. md. 3" 100°
72	15	{ 8	18.79	4.1	280 18	} Dpl. 4" 100°
		{ 8	19.05	3.8	280 20	
230	71.99	{ 7.5	18.77	2.5 (½)	79 46	} " 3 280
		{ 7.5	18.97	0.4	79 46	
174	71.04	9.0	26 26.90	16 29 50.0	279 2	
183	16	9*	26.94	49.5	81 2	* ä. schw. (Hgl. −.059)
59	70.02	h. 7-8	26 29.06	16 3 27.9	81 28	
76	16	. . .*	29.08	28.4	278 34	* h.6, mind. 6
229	71.99	7.4	28.92	28.2 (½)	81 28	
232	72.05	7.3	28.92	27.2	278 34	
74	70.15	h. 8-9	26 30.20	15 41 50.3	278 12	
183	71.16	8.5	30.18	50.4	81 50	
231	72.02	8.7	30.20	49.2	81 50	
58	70.02	9	26 51.97	16 28 29.1	81 2	
174	71.04	9.0	52.04	28.2	279 0	
69	70.11	s. 8-9	26 52.00 (½)	14 53 58.2 (½)	82 38	
74	15	8-9	52.04	58.5	277 24	
231	72.02	8.9	52.05	57.6	82 38	
72	70.15	10	27 20.52 (½)	16 15 3.0	278 48	3 F.
229	71.99	9.8	20.51	0.9	81 16	$10^m.2$ 12" 340°
74	70.15	s. 8	27 27.81	15 14 32.4 (½)	277 44	
229	71.99	8.0	27.69	32.9 (½)	82 18	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4h			
68	70.11	8	27m28s.39	17° 29′ 11″.4	80° 2′	
76	16	8 .. s.8	28.50	10.4	280 0	
68	70.11	8-9	27 37.45	18 9 2.6	79 22	
76	16	8-9	37.49	2.6 (½)	280 41	
230	71.99	8.4	37.45	2.4	79 22	
69	70.11	s. 7-8	27 47.67 (½)	16 44 5.3 (½)	80 49	
76	16	h. 7-8	47.61	6.8	279 14	
231	72.02	7.1*	47.58	5.6	80 48	* schw. orange
77	70.16	7	27 50.77	16 56 20.1	279 26	
184	71.17	7?*	50.87	19.5	80 36	* gz. helle Dämm.
58	70.02	s. 7-8	28 20.04	19 42 35.8	77 48	
77	16	s. 7-8	20.11	35.3 (½)	282 12	
58	70.02	5-6*	28 23.04	19 37 18.1 (½)	77 55	* Wolk. [1]
68	11	7	22.99	16.9 (½)	77 54	
76	16	6	23.01	17.7	282 8	
59	70.02	h. 9-10	28 24.75	19 20 11.7	78 12	
174	71.04	9.3	25.03	12.1	281 52	19° 743 9m.3
72	70.15	8	28 25.09	15 53 7.2	278 26	
183	71.16	8.0	25.05	6.3	81 40	
69	70.11	h. 9	28 31.89	18 32 36.4	79 0	
174	71.04	8.5 sic	31.93	36.3	281 4	
174	71.04	9.0	28 57.19 (½)	15 25 32.4 (½)	277 56	
183	16	9.1	57.28	31.9	82 6	
76	70.16	h. 9	29 11.56	18 24 28.3	280 54	
229	71.99	8.0	11.57	27.8	79 8	
229	71.99	9.2	29 14.54	18 26 49.0	79 6	
68	70.11	h. 8	29 15.40	19 30 6.9	78 2	
72	15	h. 8	15.28	6.8	282 4	
58	70.02	8 ± W.	29 —	19 14 10.7	78 18	
68	11	h.9 .. s.8-9	23.63	10.7 (½)	78 18	Dpl. 2″?
77	16	. . .*	23.67	11.4	281 44	* Dpl. 8-9 u. 8-9? med.
69	70.11	h. 7-8	29 32.00 (½)	15 36 45.7 (½)	81 55	
74	15	6-7	31.90	44.1	278 6	
232	72.05	8.0	32.05	44.3	278 8	
74	70.15	7-8	29 48.52	15 0 19.0	277 30	
183	71.16	7.5	48.46	20.1	82 32	
232	72.05	8.0	48.54	19.7	277 32	
76	70.16	6-7	29 58.99	18 17 13.7	280 48	
184	71.17	6	58.98 (½)	12.8 (½)	79 14	
77	70.16	s. 8	30 1.64	15 41 9.5	278 12	
184	71.17	ä. schw.*	1.59	8.4	81 50	* Dämm. (Hgl. −s.073)
231	72.02	8.5	1.66	10.5	81 50	
72	70.15	s. 9	30 3.52	18 25 56.9	281 0	
229	71.99	9.1	3.59	56.7	79 6	
69	70.11	h.8 .. s.7-8	30 25.28	14 53 32.7 (½)	82 38	
74	15	h.8	25.29 (½)	32.4 (½)	277 24	
230	71.99	8.2	25.29 (½)	32.5 (½)	82 38	
77	70.16	s. 8-9	30 35.38	15 5 32.3	277 36	
183	71.16	8.8	35.29	33.2	82 26	
76	70.15	s. 6	31 0.18	15 46 49.8	278 18	
183	71.16	6.0	0.11	50.1	81 46	
231	72.02	7.2	0.10	49.2 (½)	81 44	
69	70.11	h. 8-9	31 11.81	15 15 52.3	82 16	
74	15	8-9	11.77	52.6	277 46	
232	72.05	9.2	11.82	50.1	277 46	
174	71.04	9.0	31 14.13	18 49 31.8	281 20	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4h			
68	70.11	8-9 .. s.8-9	31m14s.50	18° 28′ 52″.1 (½)	79° 2′	
72	15	8-9 .. s.8-9	14.54	52.4	281 2	
58	70.02	8?	31 26.60	17 9 23.5	80 22	
76	16	h.8-9 .. s.8	26.66	23.6	279 40	
230	71.99	8.5	26.69	23.6	80 22	
69	70.11	. . .*	31 51.19	15 19 11.3	82 12	* 9-10 .. h.9-10
74	15	s. 9	51.24	13.3	277 50	
231	72.02	9.2	51.24	12.0	82 12	
232	05	9.5	51.38 (½)	11.5	277 50	3 F.
77	70.16	5	32 1.02	15 33 5.1	278 4	
183	71.16	5.3	0.94	5.6	81 58	
230	99	6.0	1.04 (½)	4.4 (½)	81 58	
58	70.02	9	32 4.81	18 52 10.3: (½)	78 40	
68	11	s. 9	4.83	8.4	78 40	
174	71.04	9.0	4.85	11.2	281 24	
74	70.15	s. 4	32 7.54	15 40 5.3	278 10	
183	71.16	5.0	7.50	4.9	81 52	
72	70.15	s. 8-9	32 9.58	16 30 16.7	279 4	
229	71.99	8.0	9.57	16.8	81 2	
59	70.02	s.8 .. h.8-9	32 39.42	17 14 27.0	80 16	
76	16	8-9	39.36	27.9	279 44	
69	70.11	h.9 .. s.8-9	32 43.79	16 16 25.8	81 14	s. unr.
77	16	8-9 .. s.8-9	43.79	26.7	278 40	
231	72.02	9.0	43.73	27.6	81 16	δ schwierig
232	05	9.0	43.81	25.6	278 48	
174	71.04	9.0	32 51.16	17 21 44.4	279 54	
229	99	9.1	51.22	43.8	80 10	
59	70.02	s. 8-9	33 10.26	17 54 34.3	79 36	
77	16	s. 8-9	10.16	36.4	280 24	
68	70.11	h. 9	33 19.10	17 8 31.1	80 24	
72	15	9	19.07	30.0	279 42	
69	70.11	9	33 28.48	20 3 2.6	77 28	
174	71.04	8.5	28.43	3.7	282 34	
174	71.04	9.3	34 4.60 (½)	20 2 7.0	282 34	3 F.
175	04	9.3	4.60	5.2	282 34	
229	99	9.1	4.72	4.0 (½)	77 30	
174	71.04	9.1	34 6.06	18 26 59.3	280 38	
183	16	9.1	6.03	58.7	79 4	
58	70.02	—	34 14.41: (½)	20 1 11.1	77 30	1 F.
77	16	9	14.37	12.3 (½)	282 32	
174	71.04	9.0	14.40	13.3	282 32	
229	99	8.8	14.32	12.0	77 30	
76	70.16	s. 8-9	34 19.91	17 10 8.9	279 40	
183	71.16	8.5	19.94	9.3	80 22	
76	70.16	h. 9	34 20.51	16 27 44.6	278 58	
230	71.99	9.0	20.52	45.8	81 4	
231	72.02	8.9	20.57	45.8	81 4	
175	71.04	8.8	34 23.16	19 50 42.3 (½)	282 22	
229	99	8.9 zfl.	23.19	42.2	77 42	
174	71.04	9.0	34 40.81	18 35 28.1	281 6	
183	16	9.1	40.86	29.8	78 56	
174	71.04	9.0	34 58.21	18 6 17.6 (½)	280 38	
231	72.02	9.1	58.21	18.0	79 26	
74	70.15	h. 8-9	35 1.39	15 43 44.1	278 14	
183	71.16	8.0	1.38	43.8	81 48	
72	70.15	s. 9	35 19.22 (½)	19 58 46.8	282 32	3 F.
76	70.16	7-8	35 33.86	18 29 1.1 (½)	281 0	
184	71.17	7 ±	33.84 (½)	0.0 (½)	79 3	

* Nr. 1233: α Tauri, Fund.-St.

[1] Bei Antr. fast verschwindend; Hgl. −s.058 ang.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4^h			
72	70.15	9-10	35m 44.19	[illegible] 16.9	[illegible] 31	[illegible]
220	71.09	9.8	44.03	[illegible]	[illegible]	[illegible]
231	72.02	9.2	44.14	13.1	77 44	[illegible]
232	05	8.9	44.75	13.1	[illegible]	[illegible]
68	70.10	[illegible]	35 45.79	[illegible] 17.1	[illegible] 20	[illegible]
68	11	[illegible]	45.77	15.7	[illegible]	
77	16	8-h.8	45.75	[illegible]	[illegible] 44	
73	70.12	[illegible]	35 53.04	15 17 2.5	[illegible] 46	
183	71.16	[illegible]	53.05	[illegible]	[illegible]	
70	70.16	[illegible]	35 54.55	[illegible] 51.4	[illegible] 51	
230	71.09	[illegible]	54.54	[illegible]	[illegible] 2	
77	70.16	[illegible]	36 6.32	[illegible] 22.3	[illegible]	
229	71.09	8.4	6.35	[illegible]	[illegible]	
65	70.10	8.9	36 11.73	[illegible] 50	[illegible] 4	
74	15	[illegible]	11.70	[illegible]	[illegible]	
69	70.13	[illegible]	36 18.12	[illegible] 15.6	[illegible]	
71	16	[illegible]	18.07	18.3	[illegible]	
50	70.02	[illegible]	37 10.06	[illegible] 21 22.7	[illegible]	
174	71.04	[illegible]	11.1[illegible]	[illegible]	[illegible]	
174	71.04	9.2	37 11.23	[illegible] 56.4	[illegible]	Z [illegible]
185	16	[illegible]	11.13	[illegible]	[illegible]	Z [illegible]
69	70.11	9-10	37 16.70	[illegible] 19 25.8	[illegible]	
72	12	[illegible]	16.87	[illegible]	[illegible]	
50	70.02	9-10	37 22.50	19 3 25.5	[illegible]	
72	15	[illegible]	[illegible]	[illegible]	[illegible]	
230	71.09	9.2	22.34	20.4	78 25	
232	72.05	[illegible]	22.43	25.8	[illegible] 51	
65	70.10	[illegible]	38 2.81	[illegible] 13.5	78 [illegible]	[illegible]
76	16	[illegible]	7.12	13.1	[illegible]	Z [illegible]
230	71.09	8.8	2.57	17.3	78 [illegible]	
232	72.05	[illegible]	7.04	13.0	281 35	
50	70.02	[illegible]	38 15.73	[illegible] 2 48.2	78 [illegible]	
65	10	[illegible]	15.70	[illegible]	78 [illegible]	
72	15	h.9	15.68	[illegible]	281 35	
76	16	[illegible]	15.76	[illegible]	281 30	
232	72.05	8.5	15.04	[illegible]	281 30	
50	70.02	[illegible]	38 29.83	19 3 1.5	78 [illegible]	
174	71.04	8.8	29.80	[illegible]	281 [illegible]	
230	09	[illegible]	29.88	[illegible]	78 [illegible]	
232	72.05	9.1	29.93	[illegible]	281 33	
65	70.10	h 9-10	38 —	18 45 5.[illegible]	78 42	
69	11	8.9	36.46	4.5	78 [illegible]	
174	71.04	9.0	36.48	4.8	281 14	
66	70.11	9-h.9	38 37.37	18 56 58.[illegible]	78 32	
76	16	8.5-9	37.49	57.7	281 [illegible]	
77	16	8.9	37.41	58.1	281 28	
231	72.02	8.8	37.51	50.6	78 34	Z [illegible]
69	70.11	9-8.9	38 39.63	18 56 45.6	78 33	
76	16	9-8.9	39.57	45.4	281 28	
231	72.02	9.0	39.55	45.7	78 34	Z [illegible]
175	71.04	9.0	38 42.11	18 53 27.0	281 [illegible]	
220	09	9.0	42.16	25.5	78 38	Bem.[1]
231	72.02	9.3	42.16	26.3	78 38	
74	70.15	9	38 42.42	15 11 58.2	278 12	
183	71.16	8.8	42.54	50.1	81 50	
78	70.17	h.8	38 47.71	18 34 11.2	281 4	
184	71.17	8.7	47.71	10.5	78 58	
78	70.16	6-7	38 58.05	18 30 24.6	281 0	
184	71.17	h.6	58.0[illegible]	23.4	79 2	schwäd.
243	74.13	—	59.00 [illegible]	23.3	79 1	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	281 30	α etw. ant.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	281 30	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 34	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 34	2 F
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	281 46	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 10	Bem.[1]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	277 34	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82 18	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280 2	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280 2	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	281 22	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 42	18 722 9"
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 42	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	281 22	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	278 51	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81 25	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	282 44	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77 18	Bem.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280 46	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79 10	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79 30	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79 30	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280 42	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280 42	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 26	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	281 36	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 26	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82 32	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	278 18	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 58	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79 30	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79 [illegible]	D 10" 33"[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280 6	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280 6	Dpl 10" 320"
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79 50	7 320"
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	281 4	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79 2	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	281 0	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 2	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82 0	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78 56	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81 8	
231	72.02	[illegible]	[illegible]	[illegible]	81 8	
74	70.15	[illegible]	[illegible]	[illegible]	277 46	
183	[illegible]	[illegible]	[illegible]	[illegible]	82 10	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280 58	2 F
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280 50	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79 8	
74	70.15	[illegible]	41 [illegible]	[illegible]	277 52	
183	[illegible]	[illegible]	[illegible]	[illegible]	82 12	

[1] 18° 707 u. 709 8.9", 710 9-10" — Aeuss. schw. [illegible] B [illegible] Hgl. [illegible] [illegible] N. — [4] Mit Nr. 130[illegible]

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4^h			
72	70.15	h. 8-9	$41^m53^s.55$	15° 38′ 27″.9	278° 12′	
184	71.17	8.5	53.59	26.0	81 54	Z. 231: $8^m.3$
59	70.02	s. 9	42 16.99	19 20 9.4	78 12	
76	16	s. 9 .. h. 9-10	17.10	9.5	281 50	
232	72.05	9.2	17.12	10.7	281 52	
72	70.15	8	42 22.49	15 40 7.0	278 14	
184	71.17	8.6	22.45	7.0	81 52	
231	72.02	7.8	22.51	7.0	81 52	
72	70.15	6-7*	42 35.03	15 41 1.9	278 14	* röthlich
184	71.17	6*	35.04	3.2	81 52	* st. röthl.
231	72.02	6.0*	35.09	2.5	81 52	* roth
74	70.15	8	42 49.38	15 18 42.3 (½)	277 50	
183	71.16	8.0	49.32	43.9 (½)	82 14	
229	99	7.6	49.26	43.9	82 14	
59	70.02	8-9	42 53.98	19 42 14.4	77 50	
76	16	8	53.87	15.5	282 12	
65	70.10	s. 9*	42 —	18 58 29.0	78 32	* gz. zerfl.
69	11	s. 8-9	59.73	29.2	78 32	
70	12	9	—	30.4	281 30	
77	16	8-9 .. s. 8-9	59.68	28.0	281 28	
65	70.10	h. 9	43 —	17 18 12.3	80 12	
69	11	h. 9 .. s. 8-9	5.47	11.2	80 12	
70	12	h. 9	—	11.5	279 48	
174	71.04	8.3	5.38	12.0 (½)	279 50	
78	70.16	7	43 10.17	16 59 6.1	279 30	
185	71.17	7	10.14	6.3	80 32	
230	99	7.5	10.22	7.1	80 32	
232	72.05	7.7	10.17	7.6	279 30	
74	70.15	9	43 27.90	15 30 43.5	278 2	
183	71.16	9.0	27.95	44.0	82 2	
76	70.16	s. 7 .. h. 7-8	43 37.86	15 59 38.8	278 30	
185	71.17	7.5	37.87	38.4	81 32	
59	70.02	h. 6	44 3.69	18 37 29.9	78 54	
78	16	s. 4-5	3.76	30.7 (½)	281 8	
74	70.15	8	44 14.98	15 13 7.1	277 44	
183	71.16	7.9	15.00	7.9	82 20	
72	70.16	8-9	44 17.34	15 39 58.3	278 14	
183	71.16	8.0	17.43	56.4	81 52	
184	17	8.5	17.38	56.0	81 52	
72	70.15	s. 9	44 27.69	17 14 31.6	279 48	
77	70.16	h. 9	44 36.56	17 28 37.3	279 58	
229	71.99	8.9	36.53	37.2	80 4	
174	71.04	9.4	44 42.06	17 25 31.4	279 56	Z. 177: h. 9^m
229	99	9.2	42.29	30.6	80 6	
238	73.16	9*	44 48.24 (2)	17 19 28.7 (2)	279 50	* röthl.? — [1]
242	74.12	h. 9	48.14 (0.6)	28.1	80 13	
243	13	—	48.29	27.7	80 13	
59	70.02	h. 9	45 13.16 (½)	19 53 30.3 (½)	77 39	
77	16	h. 8-9	13.12	31.0	282 24	
59	70.02	h. 9-10	45 19.63	19 47 20.0	77 44	
77	16	9	19.73	20.1	282 18	
65	70.10	h. 9	45 —	17 7 20.5	80 24	
70	12	s. 9	—	20.3	279 38	
72	15	9	23.30	19.8	279 40	
229	71.99	8.8	23.38	19.3 (½)	80 24	
76	70.16	h. 8	46 16.57	18 51 48.2	281 22	
184	71.17	7.5	16.56	47.8	78 40	
230	99	7.8	16.57	48.1	78 40	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4^h			
77	70.16	s. 9	$46^m37^s.27$	20° 5′ 57″.4	282° 36′	
78	16	s. 9	37.14	59.0	282 36	
230	71.99	9.2	37.30	59.2	77 26	
74	70.15	h. 9	46 39.08	15 32 38.1	278 4	
183	71.16	8.8	39.17	40.9	82 0	
231	72.02	9.1	39.12	40.1	82 0	
74	70.15	h. 7-8	46 46.34 (½)	15 43 37.7 (½)	278 14	
183	71.16	8.0	46.33	37.7	81 48	
231	72.02	8.4	46.41	36.6	81 48	
76	70.16	h. 7-8	46 49.70	16 49 7.7	279 20	
185	71.17	7.8	49.70	7.6	80 42	
232	72.05	8.0	49.74	7.7	279 20	
65	70.10	s. 9	47 —	17 24 11.3	80 8	
70	12	s. 9	—	11.1	279 54	
72	15	s. 9	6.08	11.1	279 54	
184	71.17	k. sichtb.	6.06 (½)	[4±]	80 8	3 F. [2]
229	99	9.1	6.17	11.8	80 8	
59	70.02	s. 8-9	47 31.73	19 45 48.6	77 46	
76	16	h. 8-9	31.73	50.5	282 16	
230	71.99	8.8	31.80	49.9	77 46	
232	72.05	8.8	31.76	50.2	282 16	
59	70.02	h. 9-10	47 36.09	19 47 47.6	77 44	Bem. [3]
76	16	9 .. s. 9	36.05	50.3	282 18	Bel. e. z. hell
77	70.16	h. 7	47 37.50	19 16 51.5	281 46	
185	71.17	h. 7	37.51	51.5	78 14	
74	70.15	h. 7	47 43.98	16 10 53.2	278 42	
183	71.16	7.5	43.99	53.2	81 22	
231	72.02	7.5	44.03	52.7	81 22	
77	70.16	h. 8-9	47 48.40	20 6 35.5	282 36	
184	71.17	8.5	48.39	34.9	77 26	
77	70.16	h. 9	47 52.72	18 14 16.0	280 44	
229	71.99	8.6	52.62	16.0	79 18	
65	70.10	9 .. s. 9	47 —	18 0 36.4	79 30	
70	12	9 .. s. 9	—	36.6	280 30	
72	15	9	57.09	35.2	280 34	
229	71.99	8.7	57.14	36.6	79 32	
74	70.15	7	48 8.11 (½)	16 25 0.0 (½)	278 57	
183	71.16	7.2	8.09	0.0	81 8	
174	71.04	8.8	48 14.61	14 59 45.2 (½)	277 30	14°786 h. 9^m
183	16	9.0	14.61	45.5	82 32	
65	70.10	8-9	48 —	19 48 35.8	77 42	
70	12	8	—	37.1	282 18	
72	15	8 .. h. 8	18.05	36.7	282 22	
185	71.17	8.3	18.21	35.8	78 24	
232	72.05	8.2	18.24	37.9	282 20	
65	70.10	h. 9	49 —	17 48 16.1	79 42	
70	12	h. 9	—	14.8	280 18	
72	15	h. 9	14.47	15.2	280 22	
184	71.17	9	14.40	15.1	79 44	
74	70.15	7 .. s. 7	49 35.49	16 32 8.0	279 4	
183	71.16	7.7	35.56	6.7	81 0	
77	70.16	s. 9	49 48.60	19 11 9.8	281 42	
229	71.99	9.0	48.66	10.2	78 20	19°817 $9^m.4$
65	70.10	9	49 —	17 17 18.0	80 14	
70	12	s. 9	—	19.7	279 48	
72	15	9 .. s. 9	54.14	18.5	279 50	
184	71.17	9.1	54.26	19.6	80 14	
78	70.16	h. 6	50 9.22	16 57 20.3 (½)	279 28	
185	71.17	h. 6*	9.17	21.0	80 34	* schw. röthl.
231	72.02	[6.9 W.:]	9.13	19.3	80 34	
232	05	6.0*	9.23	20.5	279 28	* röthlich

[1] Z. 72 unsichtb.; Z. 174 dgl. (< h. 10^m; 17°796 $9^m.5$); Z. 177 uns. (< 10^m. 796 s. 9^m, * 10^m −16ˢ −1′.5 verm.); Z. 229 uns.; Z. 232 dgl.; $9^m.5$ 20ˢ v. 5′ S. (Var. *V* Tauri)

[2] Hgl. −ˢ.089 ang. [3] Z. 230: $9^m.2$, 232: $9^m.2$

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4^h			
59	70.02	9	$50^m 11^s.49$	19° 8′ 18″.2	78° 22′	
77	16	h.9	11.47	18.2	281 38	
230	71.99	9.0	11.49	18.7	78 24	
65	70.10	9	50 —	17 11 54.4	80 20	
70	12	9	—	53.6	279 42	
72	15	9‥s.9	22.62	54.6	279 46	
184	71.17	8.8	22.68	52.4	80 20	
184	71.17	8.0	50 40.38	20 7 3.1	77 26	
74	70.15	h.8-9	51 2.31	15 36 10.1	278 8	
183	71.16	8.9	2.38 (½)	9.7 (½)	81 56	
232	72.05	8.9	2.37	10.6	278 8	
76	70.16	9‥s.9	51 2.50	18 47 52.5	281 18	
229	71.99	8.8	2.54	53.3	78 44	
65	70.10	h.9	51 —	17 47 40.6	79 44	
70	12	9‥s.9	—	41.2	280 18	
72	15	9	29.36	43.0	280 22	
184	71.17	9.0	29.41	41.1	79 44	
74	70.15	s.8-9	51 32.48	15 25 32.0	277 56	
183	71.16	8.9	32.62	31.8	82 6	
230	99	9.0	32.57 (½)	32.5	82 6	
232	72.05	9.0	32.42	33.3	277 56	
59	70.02	h.9-10	51 48.11	19 33 9.4	77 58	
76	16	s.9	47.87 (½)	9.4 (½)	282 4	3 F. — Etw. uns.
229	71.99	8.5:	47.90	10.0	77 58	
59	70.02	h.8-9	52 2.62	20 0 5.8	77 32	
76	16	h.8-9	2.60	6.0	282 30	
229	71.99	7.8	2.54	4.4	77 32	
65	70.10	9	52 —	18 37 9.1	78 54	
70	12	h.9	—	8.4	281 8	
72	15	s.9‥9	23.33	8.6	281 10	
184	71.17	8.8	23.34	10.3	78 56	
74	70.15	s.7	52 33.92	15 43 35.0	278 14	
185	71.17	7.0	33.92	34.3	81 48	
229	99	6.2	33.92	35.0	81 48	
232	72.05	7.5	33.91	35.4	278 14	
231	72.02	8.7	52 40.46	16 38 17.6	80 54	
77	70.16	s.9	53 17.31	14 54 —	277 —	
65	70.10	s.9	53 —	16 55 57.7 (½)	80 36	
70	12	9	—	58.5 (½)	279 26	
72	15	9 nebl.	37.25	58.4	279 30	
184	71.17	9.0	37.29	58.6	80 36	
74	70.15	9	53 52.62 (½)	15 1 45.9	277 32	
183	71.16	9.0	52.66 (½)	44.9	82 30	
230	99	9.1	52.63	44.4	82 30	
59	70.02	9	53 59.61	19 44 36.8	77 46	
76	16	s.9	59.78	37.9	282 14	
229	71.99	9.1	59.52	36.4	77 48	
74	70.15	7-8‥h.7-8	54 11.59	15 33 26.6	278 4	
185	71.17	7.5	11.65	27.0	81 58	
232	72.05	8.5	11.65	27.3	278 4	
76	70.16	8-9	54 16.64	15 0 16.0	277 30	
183	71.16	8.8	16.71	15.6	82 32	
230	99	9.0	16.72	15.3	82 32	
76	70.16	s.8	54 18.07	15 3 32.8	277 34	
183	71.16	8.2	18.07	32.6	82 28	
230	99	8.5 zfl.	18.17	32.4	82 28	
77	70.16	h.9	54 20.96	14 54 20.3	277 24	
183	71.16	9.0	21.04	19.9	82 38	
231	72.02	8.8	21.05 (½)	20.6 (½)	82 40	
59	70.02	s.8-9‥h.9	54 30.99	19 46 51.4	77 44	
76	16	9	30.96	52.8	282 16	
229	71.99	9.0	30.88	50.0	77 46	
232	72.05	9.1	30.87	52.6	282 18	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			4^h			
76	70.16	9	$54^m 42^s.09$	16° 38′ 54″.7	270° 10′	
184	71.17	8.7	42.22	53.9	80 54	♂ etw. uns.
185	17	9.0	42.17	54.4	80 54	
77	70.16	s.8-9	54 51.69	16 0 25.1	278 30	
185	71.17	8.6	51.80	24.6	81 32	
77	70.16	9‥s.9	55 38.32	19 20 9.3	281 50	
184	71.17	8.7	38.52	8.2	78 12	
69	70.11	h.9	56 50.99	16 56 52.8	80 34	
76	16	h.9	51.00	53.2 (½)	279 28	
231	72.02	8.8	51.05	53.0	80 36	
59	70.02	5-6	57 25.61	15 13 40.8 (½)	82 19	
77	16	s.5-6	25.60 (2)	40.6 (2)	277 45	
65	70.10	h.8	57 —	18 4 40.8	79 26	
67	11	8 ä. unr.	33.02	40.1	79 26	
70	12	h.8	—	40.6	280 36	
74	15	h.8	32.98	42.0	280 36	
65	70.10	s.9	57 —	17 36 24.9	79 54	
67	11	s.9	38.11	22.4	79 54	
70	12	s.9	—	24.2	280 8	
74	15	9	38.28	25.1	280 8	
69	70.11	s.9	57 45.62	16 58 50.5	80 32	
76	16	9	45.76	51.9 (½)	279 30	
72	70.15	9	57 48.71	15 47 42.6	278 22	
183	71.16	9.1	48.72	41.5	81 44	♂ etw. uns.
69	70.11	9	57 57.07	16 26 58.2	81 4	
76	16	9‥s.9	57.20	56.3	278 58	
72	70.15	s.8	58 8.57	15 3 55.3	277 38	
184	71.17	7.5	8.60 (2)	54.4 (½)	82 28	
59	70.02	s.7	58 10.05	19 37 57.7	77 54	
76	16	h.7-8‥s.7	10.09	57.2	282 8	
72	70.15	s.9	58 19.79	14 58 27.3	277 32	
183	71.16	9.0	19.90 (½)	25.7 (½)	82 34	nur 1 • sichtb.
72	70.15	9-10	58 23.80	14 58 17.4	277 32	(Z. 183 n. sichtb.)
65	70.10	s.9	58 —	17 12 33.2	80 18	
67	11	9‥s.9	33.05	36.6	80 18	
70	12	h.9	—	34.8	279 44	
74	15	9	33.13	36.1	279 44	
65	70.10	9‥s.9	58 —	18 0 40.7	79 30	
67	11	9‥s.9	45.05	41.2	79 30	
70	12	9‥h.9	—	41.8	280 32	
174	71.04	8.9	* 45.06 (½)	40.4 (½)	280 32	
65	70.10	h.9	59 — •	17 38 43.6	79 52	
67	11	9	1.63	44.3	79 52	
70	12	h.9	—	42.3	280 10	
74	15	9	1.59 (½)	43.6 (½)	280 9	
59	70.02	9:	59 26.18	17 33 44.5 (½)	79 58	
76	16	s.9	26.17	45.8	280 4	
72	70.15	h.9	59 46.84	15 57 6.3	278 30	
183	71.16	8.9*	46.86	6.1	81 36	* keinenf. viel heller
69	70.11	s.8-9	59 48.15	16 39 33.3	80 52	
76	16	h.8-9	48.11	34.9	279 10	
72	70.15	s.7-8‥h.8	59 54.28	15 46 0.8	278 20	
183	71.16	8.0	54.34	0.6	81 46	
			5^h			
65	70.10	5	0 —	18 28 31.0 (½)	79 2	
67	11	5*	3.53 (½)	30.7 (½)	79 3	* gz. zerfl.
70	12	5	—	30.4 (½)	281 0	
74	15	4-5	3.61	30.8	280 58	
69	70.11	s.8-9	0 41.05	16 15 30.4	81 16	
76	16	h.9	41.12 (½)	30.7 (½)	278 46	
69	70.11	h.9‥s.8-9	0 44.76	16 48 47.0	80 42	
77	16	9	44.69	47.9	279 20	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
72	70.15	s. 7-8	$0^m55^s.67$	15° 41' 21".0	278° 14'	
183	71.16	7.8	55.66	19.5 (½)	81 52	
77	70.16	h. 7	1 27.88	19 41 43.1 (½)	282 13	
184	71.17	6	27.83	42.5 (½)	77 50	
72	70.15	h. 8-9	1 34.53	14 56 22.7	277 30	
183	71.16	8.4	34.49	22.6	82 36	
77	70.16	9 .. s.9	1 38.11	15 4 10.6	277 34	
183	71.16	9.1	38.26	11.4 (½)	82 28	
74	70.15	8	1 52.09	18 47 44.0	281 18	
184	71.17	7.8	52.04	44.4	78 44	
69	70.11	h. 9-10	1 55.64	17 7 1.1	80 24	
76	16	s. 9	55.72	1.4	279 38	
70	70.12	9-10	2 8.53	17 43 6.9	280 14	Z.174: $9^m.2$
65	70.10	9-10	2 —	17 44 42.3:(½)	79 46	
67	11	9-10	19.38	40.8	79 46	
174	71.04	9.0	19.15 (½)	40.2 (2)	280 16	
74	70.15	5	2 32.69	15 26 10.0	277 56	
184	71.17	5.0	32.69 (½)	8.7 (½)	82 6	
72	70.15	9 .. s.9	2 50.94	15 30 37.3	278 4	
183	71.16	8.8	50.96	38.2 (½)	82 2	
65	70.10	h. 8	3 —	17 16 53.6	80 14	s. unr.
67	11	s. 8	25.05	56.0	80 14	äuss. unr.
74	15	s. 8	25.03	52.5	279 48	
77	70.16	s. 9	3 26.15	19 31 16.3	282 2	
184	71.17	9.2	26.13	15.8	78 2	
77	70.16	h. 9	3 27.55	19 6 46.6	281 38	
184	71.17	8.8	27.47	47.0	78 26	
69	70.11	h. 9-10	3 29.63	16 21 11.8	81 10	16°714 $9\text{-}10^m$
72	70.15	9	3 31.66	15 7 19.6	277 40	
183	71.16	8.5	31.66	20.2 (½)	82 22	
69	70.11	s. 9	3 32.07	16 19 59.6	81 12	
76	16	h. 9	32.14	20 1.3	278 50	
229	71.99	9.0	32.10	0.9	81 12	
69	70.11	8-9	3 37.73	16 16 41.3	81 14	
76	16	8-9 .. h.8-9	37.72	39.8	278 48	
77	16	h. 8-9	37.80	40.3	278 48	
229	71.99	8.5	37.78	40.7	81 16	
65	70.10	9	3 —	17 14 36.1	80 16	s. unr.
67	11	9	50.92	38.1	80 16	äuss. unr.
74	15	9	50.80 (½)	37.6 (½)	279 45	
72	70.15	h. 7	4 30.76	15 53 20.2	278 26	schwkd.
183	71.16	6.0 orge	30.75	20.6 (½)	81 38	
77	70.16	h. 9	4 33.64	19 46 30.3	282 18	
174	71.04	8.7	33.56	27.7	282 18	
185	71.17	8.8	33.61	30.3	77 46	
76	70.16	9-10	4 35.34	19 13 20.2	281 44	Nr. 1421[a]
174	71.04	8.9	4 39.21 (½)	19 47 44.6 (½)	282 20	
185	17	9.0	39.30	45.8	77 44	
69	70.11	s. 8-9	4 39.87	16 35 14.9	80 56	
76	16	h.8-9 .. 8-9	39.88	14.7	279 6	
229	71.99	8.8	39.85	15.3	80 56	
65	70.10	h.9 .. s.8-9	4 —	17 6 29.7	80 24	
67	11	9	57.32	27.7	80 24	äuss. unr.
74	15	h. 9	57.28	30.6	279 36	
72	70.15	9-10	5 9.42	15 2 44.7	277 36	
183	71.16	9.0	9.26	44.4	82 30	
72	70.15	[s.9-10*]	5 12.67 (½)	15 45 45.0 (½)	278 20	* Wolk.?—1 F.
77	16	9	12.89	46.5	278 16	
183	71.16	8.9	12.90 (½)	47.3	81 46	2 F.
185	17	8.9	12.94	46.5	81 46	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
65	70.10	h.9 .. s.8-9	5^m —	17° 3' 35".5	80° 28'	
67	11	9	$15^s.76$	35.1	80 28	äuss. unr.
74	15	h.9 .. s.8-9	15.63	35.4	279 34	
65	70.10	h. 8-9	5 —	18 0 13.6	79 30	
67	11	h. 8-9	34.44	11.0	79 30	äuss. unr.
74	15	s.8-9 .. h.9	34.31	13.1	280 30	
229	71.99	8.6	34.31	13.6	79 32	
69	70.11	h.9 .. s.8-9	6 1.81	16 43 59.0	80 48	
76	16	8-9	1.75	59.3	279 14	
229	71.99	9.0	1.85	57.7	80 48	
65	70.10	9	6 —	17 18 11.0	80 12	
67	11	s. 9	38.96	11.0	80 12	
70	12	h. 9	38.79	12.9	279 48	
77	70.16	s. 9	6 51.83	19 44 31.2	282 16	
183	71.16	9.2	51.91	31.4	77 48	
77	70.16	h. 9	6 57.28	19 7 0.3	281 38	
183	71.16	9.1	57.24	6 59.9	78 26	
69	70.11	8-9 .. s.8-9	7 7.46	16 31 49.4	81 0	s. unr.
76	16	h. 8-9	7.37	50.5	279 2	
229	71.99	8.4	7.31	50.3	81 0	
69	70.11	h. 9	7 31.11	15 3 43.2	82 28	
76	16	s. 9	31.11	42.6	277 34	
65	70.10	s. 8	7 —	19 54 40.7 (½)	77 36	s. unr.
67	11	h. 8-9	47.50 (½)	39.5 (½)	77 36	äuss. unr.
70	12	7-8	47.30	38.6	282 26	
72	70.15	8-9	8 1.20	14 55 0.3	277 28	
183	71.16	7.8	1.22	1.5	82 38	
229	99	7.9	1.16	2.3	82 36	
3	69.16	9.0	8 7.01 (½)	19 17 11.4 (½)	281 44	
76	70.16	9 .. s.9	6.88: (½)	10.9	281 48	3 F.
184	71.17	9.2	6.86	11.5	78 16	
65	70.10	h. 9	8 —	15 29 8.8	82 2	
67	11	9	16.21	7.3	82 2	
69	11	9 zfl.	16.28	5.1	82 2	
70	12	8-9	16.35	7.9	278 0	
73	15	h. 9	16.31	5.9	278 6	
77	70.16	s. 8	8 21.28	19 35 7.4	282 6	
185	71.17	8.2	21.39	7.1	77 58	Dpl. seq. ($8^m.8$ 1" 265°?)
72	70.15	[wie 9-10]	8 21.43	18 2 39.6	280 36	
174	71.04	8.8	21.34 (½)	38.4 (½)	280 34	
184	17	8.9	21.35	39.5	79 30	
77	70.16	h. 8	8 27.00	19 48 35.3	282 20	
185	71.17	7.8	27.02	35.0	77 44	
78	70.16	8.9	8 30.23 (½)	18 29 40.6	281 0	2 F.
80	18	s. 9	30.29	39.3	281 0	
184	71.17	8.7	30.24	38.4	79 2	
185	17	8.5	30.34	38.8	79 2	
78	70.17	8.0	8 34.07	19 58 57.0	282 30	
184	71.17	8.0	33.97	56.7	77 32	
69	70.11	9	8 35.20	17 8 29.2	80 22	s. unr.
76	16	9 .. s.9	35.22	28.3	279 40	
229	71.99	8.7	35.30 (½)	27.8	80 24	3 F.
185	71.17	8.8	8 56.55	19 9 10.6	78 22	
72	70.15	s. 9	9 22.66	18 14 16.2	280 48	
183	71.16	9.1	22.66	16.1	79 18	Bel. zu hell
3	69.16	7-8	9 25.45 (½)	19 58 40.5 (½)	282 26	
78	70.17	7.7	25.45	40.3	282 30	
184	71.17	7.9	25.45	38.7	77 32	
76	70.16	{ s. 8	9 25.51	18 17 55.4	280 48	} Dpl. 5" 170°
		{ s. 8-9	25.50	51.9	280 48	
183	71.16	{ 7.1	25.41	54.2	79 14	} " 2".5 170°
		{ 8.5	25.43	51.3	79 14	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5h			
78	70.17	8.7	9m26.s35	19° 9′ 37.″6	281°40′	
185	71.17	8.6	26.43	36.7	78 22	
69	70.11	8-9	9 28.58	16 52 46.4	80 38	s. unr.
79	17	schw., W.	28.58 (½)	43.7 (½)	279 24	Hgl. −.s058
80	18	8	28.61	42.9	279 24	
229	71.99	8.0	28.44	44.6	80 40	
69	70.11	s.7-8	9 53.76	16 12 44.2	81 18	
73	15	8	53.64	43.7	278 50	
229	71.99	7.5	53.57	45.0	81 20	
72	70.15	h.9	9 59.44	15 7 28.8	277 42	
183	71.16	8.5	59.43	27.7	82 24	
78	70.17	7.4	10 7.40	19 59 46.9	282 30	
186	71.17	7.5	7.37	45.0	77 32	
65	70.10	9‥s.9	10 —	17 31 28.6	80 0	
67	11	9	15.79	27.9	80 0	
70	12	9	15.65	27.3	280 2	
65	70.10	s.9‥9	10 —	17 14 38.3	80 16	s. unr.
67	11	9	24.61 (½)	38.6	80 16	Fäd. st. schl.
70	12	8-9	24.36	39.9	279 46	
77	70.16	h.8-9	10 26.40	19 50 19.7	282 22	
186	71.18	8.5	26.40	18.9	77 42	
3	69.16	9	10 50.09 (0.4)	19 11 9.0 (½)	281 38	
77	70.16	s.9	50.09	9.5	281 42	
185	71.17	9.0	50.03	10.2	78 20	
65	70.10	9	11 —	17 51 21.8	79 40	
67	11	9	15.12	22.4 (½)	79 40	
70	12	9	15.11	24.3	280 22	
76	70.16	9‥s.9	11 21.14	18 4 55.9	280 36	
185	71.17	9.0	21.15	55.1 (½)	79 26	
69	70.11	s.9	11 33.04	16 58 9.6	80 32	
73	15	s.9	32.99	11.7	279 34	
229	71.99	9.0	32.95	11.1	80 34	
76	70.16	h.9	11 41.76	18 55 54.0	281 26	
183	71.16	9.0	41.71	54.5	78 36	
76	70.16	9	11 43.49	19 33 7.9	282 4	
186	71.18	8.8	43.45	7.3	77 58	
77	70.16	6-7	11 51.01	20 0 5.7	282 30	
184	71.17	6	50.97	5.6	77 32	spl. (helle Bel.)
229	99	6.5*	50.94	5.3	77 32	* schw. orge. [1]
72	70.15	8-9	12 1.75	20 5 10.1	282 38	
184	71.17	9.0	1.74	9.7	77 26	
72	70.15	s.8	12 28.90	15 39 13.0	278 12	
183	71.16	8.5	28.88	12.5	81 52	
77	70.16	h.8-9‥s.8	12 40.31	18 4 23.2	280 34	
185	71.17	8.0	40.37	22.0 (½)	79 28	
69	70.11	h.8-9	12 45.50	16 35 55.8	80 56	
73	15	h.9	45.55	56.8	279 12	
229	71.99	8.3	45.48	56.0	80 56	
69	70.11	9‥s.9	12 52.39	15 59 27.3	81 32	
73	15	9	52.44	27.4	278 36	
3	69.15	6	12 56.10 (0.6)	19 26 54.6 (½)	281 54	
77	70.16	h.7-8	55.91	51.7	281 58	
186	71.18	7	55.95	52.9	78 6	
72	70.15	9‥h.9	13 1.92	18 27 46.6	281 2	
184	71.17	9.0	1.80	45.3	79 4	
65	70.10	9	13 —	17 51 44.2	79 40	
67	11	h.9	3.00	45.5	79 40	
70	12	9‥s.9	3.15	48.3	280 22	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5h			
76	70.16	s.9	13m18.s79	19°49′38.″9	282°20′	
185	71.17	9.1	18.87	37.4	77 42	
72	70.15	h.8-9	13 27.72	14 55 48.9	277 30	
183	71.16	8.0	27.77	49.2	82 36	
65	70.10	s.8	13 —	17 6 50.3	80 24	
67	11	7-8	28.79	48.8	80 24	
70	12	7-8	28.82	48.8	279 38	
69	70.11	s.8‥h.8-9	13 33.43	15 30 28.0	82 0	
73	15	8-9	33.42	27.5	278 6	
229	71.99	8.4	33.45	28.4	82 2	
77	70.16	7‥s.7	13 33.57	19 41 8.5	282 12	
186	71.18	6	33.61 (½)	8.5 (½)	77 52	
65	70.10	9-10	13 —	17 7 30.9	80 24	
67	11	9	39.19	31.6	80 24	
70	12	9-10 W.	39.07	30.2	279 38	
76	70.16	h.9‥9	13 44.17	18 54 18.8	281 24	
185	71.17	9.0	44.20	18.0	78 38	
76	70.16	h.8	14 19.77	18 46 49.4	281 18	
185	71.17	7.5	19.76	50.7	78 40	
69	70.11	h.8	14 28.84	15 43 19.4	81 48	
78	16	8.0	28.89	19.8	278 14	
229	71.99	8.0	28.81	19.3	81 48	
3	69.16	9	14 45.78 (½)	20 0 3.6 (½)	282 26	kaum zu beo
77	70.16	s.9	45.96	6.0	282 30	
186	71.18	9.0	46.02	4.2	77 32	
69	70.11	9; s.unr.	14 48.67	15 58 2.7	81 32	
78	16	8.6	48.62	3.1	278 28	
229	71.99	9.0	48.63	1.8	81 34	
77	70.16	8-9	14 51.32	19 42 33.5	282 14	Dpl.??
183	71.16	8.3	51.39	33.2	77 50	
77	70.16	9	15 1.21	19 56 2.7	282 26	
184	71.17	9.1	1.33	3.7	77 36	Z.186: 9
72	70.15	h.9 (W.)	15 1.83	14 54 17.1	277 28	
183	71.16	9.1	1.80	16.1	82 38	
69	70.11	8	15 12.01	16 0 0.2	81 30	
78	16	7.9	11.97*	1.4	278 30	
229	71.99	7.7	11.99	15 59 59.8	81 32	
68	70.11	s.8‥h.8-9	15 20.94	16 40 47.1	80 50	
73	15	8-9	20.98	48.6	279 16	
78	70.16	7-8	15 24.82	18 53 16.9 (½)	281 25	
186	71.18	8.0	24.85	17.7	78 38	
76	70.16	s.8-9	15 31.11	18 37 16.1	281 8	
184	71.17	8.5 sic	31.13	15.8	78 54	eilig
186	18	8.8	31.08	15.7	78 54	
76	70.16	9	15 39.40	18 46 33.5	281 18	
185	71.17	9.0	39.47	33.4	78 46	
186	18	9.1	39.45	34.2	78 46	
76	70.16	7-8	16 11.34	18 28 47.9	281 0	
185	71.17	7.5	11.33	47.1	79 4	
68	70.11	s.8	16 12.27	16 51 55.6	80 40	
73	15	s.8-9	12.43	56.9	279 28	
72	70.15	8-9	16 18.79	15 55 18.6	278 30	
183	71.16	8.5	18.75	18.7	81 36	
72	70.15	s.7-8‥h.8	16 20.59	15 55 11.7	278 30	
183	71.16	7.9	20.52	11.1	81 36	
65	70.10	8	16 —	17 12 13.7	80 18	
67	10	s.8	20.86	12.8	80 18	
70	12	h.8-9	20.80	11.5	279 42	
69	70.11	h.6	16 24.64	16 34 45.9	80 56	
81	18	6	24.67 (½)	44.7 (½)	279 5	

[1] Com. 12s± 190‥200°, schw. (s. hell. Feld)

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr	Bemerkungen
			5h			
68	70.11	s.8	16m29s.51	16°22′38″.4	81° 8′	
73	15	8-9	29.60	37.2	278 58	
229	71.99	8.0	29.45	39.1	81 10	
3	69.16	h.8-9	16 33.18 (½)	19 52 50.8 (½)	282 20	19°915 10m
79	70.17	h.8-9:	33.10	51.0	282 24	
187	71.18	8.5	33.07	50.3	77 40	
77	70.16	s.8-9	16 42.11	19 13 6.2	281 44	
186	71.18	9.0	42.17	8.0	78 20	
78	70.16	9.3	16 48.08	18 54 26.9	281 24	
184	71.17	[9.5]	47.98	24.0	78 38	kaum sichtbar
185	17	9.2	48.00	24.4	78 38	
78	70.17	9.1	16 49.49	18 53 4.0	281 24	
184	71.17	9.0	49.66	5.0	78 38	
77	70.16	h.8-9	16 51.23	20 1 21.7	282 32	
186	71.18	8.2	51.30	20.1	77 30	
68	70.11	8..h.8	16 56.45	16 26 36.8	81 4	
81	18	8.0	56.54	37.5	278 58	
65	70.10	s.8-9	17 —	17 15 56.7	80 14	
67	11	9	2.58	56.4	80 14	
70	12	s.9-10	2.66	56.2	279 46	
65	70.10	6	17 —	17 15 55.7	80 14	
67	11	5-6	7.72	54.6	80 14	
70	12	h.7	7.77	55.1	279 46	
72	70.15	8-9..s.8-9	17 23.80	15 51 29.2	278 26	
187	71.18	8.5	23.79	26.2	81 40	
65	70.10	h.9-10	17 —	17 57 50.9	79 34	
67	11	h.9-10	25.20	52.8	79 34	
174	71.04	9.0	25.32	51.0 (½)	280 30	
78	70.17	9.0	17 30.97	18 21 15.8	280 52	
185	71.17	8.6	30.90	13.9	79 10	
82	70.18	7-8	17 35.66	17 4 47.9 (½)	279 36	
187	71.18	7.7	35.63	48.2	80 26	
81	70.18	9	17 56.45	15 14 45.1 (½)	277 47	
187	71.18	8.8	56.49	44.5	82 16	
3	69.16	s.8-9	18 12.76 (⅓)	19 13 37.3 (⅓)	281 40	
77	70.16	9..s.9	12.52 (¼)	34.3 (¼)	281 44	etw. uns.
185	71.17	8.9	12.73	34.1	78 18	
78	70.16	8.8	18 26.51	16 31 17.2	279 2	
187	71.18	8.2	26.57	15.9	81 0	
77	70.16	s.8-9..h.9	18 28.14	15 28 0.3	277 58	
186	71.18	8.6	28.20	27 58.4	82 4	
78	70.16	8.9	18 42.39	19 1 22.2	281 32	
186	71.18	8.6	42.38	20.9	78 30	
82	70.18	7-8	18 44.87	15 20 24.6 (½)	277 51	
187	71.18	7.5	44.80	25.9	82 12	
78	70.17	6.8	18 52.36	16 35 13.6	279 6	
185	71.17	6.7	52.37	12.4	80 56	
82	70.18	7-8	18 52.50	15 33 30.0 (½)	278 4	
186	71.18	7.5:	52.57	29.9	81 58	
78	70.17	9.1*	19 0.63	16 35 11.7	279 6	* vorg. hell. ✦
185	71.17	9.1	0.52	10.6 (½)	80 56	[blendet
81	70.18	9	19 9.87	15 59 46.7	278 30	
185	71.17	9.0	9.89	48.0	81 32	
68	70.11	7-8	19 25.82	16 6 30.1	81 24	
82	18	7	25.79	30.4 (½)	278 37	
65	70.10	h.7	19 —	17 51 9.3	79 40	
67	11	7:	52.70	9.0	79 40	äuss. unr.
70	12	7-8	52.58	8.9	280 22	
3	69.16	9	19 53.54 (0.4)	19 53 9.8 (½)	282 20	
81	70.18	9.2	53.76	9.4	282 24	
183	71.16	9.3	53.79	10.7	77 38	
			5h			
81	70.18	8.7	20m 2s.37 (½)	18°36′28″.9	281° 8′	3 F.
186	71.18	8.5	2.40	29.3	78 56	
84	70.20	ä. schw.	20 4.99	15 8 53.3	277 40	Hgl.—s.073 ang.
188	71.18	6.5	5.02	53.6	82 22	
65	70.10	9	20 —	17 9 38.5	80 22	
67	11	s.9:	7.61	35.6	80 22	
70	12	9-10	7.19	38.5	279 40	schw., ?
81	70.18	8.8	20 9.91	18 23 19.6	280 54	
186	71.18	8.6	9.96	21.2	79 8	
82	70.18	h.7-8	20 18.72	15 55 52.5 (½)	278 26	
185	71.17	7.5	18.75	53.0	81 36	
82	70.18	5	20 34.71	15 45 58.7	278 16	
188	71.18	5.9	34.70	46 0.0 (½)	81 46	
77	70.16	h.8-9	20 39.37	14 57 30.9	277 28	
187	71.18	8.7	39.48	29.9	82 34	
77	70.16	8-9..h.8-9	20 44.19	14 54 25.5	277 26	
187	71.18	8.5	44.19	26.1	82 38	
65	70.10	6-7 rthl.	20 —	17 8 0.2	80 24	
67	11	6-7: »	46.41	7 59.4	80 24	
70	12	6-7 »	46.21	59.8	279 38	
77	70.16	h.9..s.8-9	20 51.61	14 57 49.7	277 28	
187	71.18	9.0	51.66	49.5	82 34	
68	70.11	7-8	20 56.81	16 20 1.9	81 10	
81	18	h.7	56.95	1.5	278 50	
68	70.11	8	21 11.67	16 29 54.3	81 0	
78	17	8.1	11.75	56.0 (½)	279 0	
3	69.16	h.9	21 32.21 (½)	19 56 54.4 (½)	282 24	
77	70.16	s.9..9	32.15	57.2	282 28	
185	71.17	9.1	32.28	56.8	77 34	
68	70.11	8	21 37.35	16 19 19.8	81 12	
81	18	7.8	37.54	18.4	278 50	
77	70.16	9	21 39.84	19 56 26.6	282 28	Z. 3: h.8-9m
185	71.17	8.6	39.88	27.7	77 34	
78	70.16	9.2	21 41.66	20 5 3.3	282 36	
187	71.18	9.2	41.71	2.7	77 28	
65	70.10	s.7	22 —	18 15 43.0	79 16	
79	17	h.8:	0.54	43.8	280 46	
186	71.18	7.2	0.43 (½)	43.6 (½)	79 16	
77	70.16	9-10	22 12.11	19 56 51	282 28	1 F.
77	70.16	h.9	22 26.84	19 56 57.1	282 28	
185	71.17	8.9	26.89	56.9	77 34	
65	70.10	s.8	22 —	18 18 56.0	79 12	
67	11	s.8	30.73	55.9	79 12	
70	12	h.8-9	30.79	55.1	280 50	
79	17	8:	30.74	54.7	280 50	
65	70.10	s.8-9	22 —	18 19 45.6	79 12	
67	11	s.8-9	32.04	45.2	79 12	
70	12	h.9	32.16	45.1	280 50	
79	17	s.8-9:	32.13	44.9	280 50	
68	70.11	h.7-8	22 45.86	16 2 57.1	81 28	s. unr.
73	15	h.8-9	46.06	57.0	278 40	
81	70.18	8.8	22 56.09	18 39 15.8	281 10	
186	71.18	9.0	56.00	16.9 (½)	78 52	
3	69.16	9	23 6.28 (0.3)	19 45 38.6 (½)	282 12	3 F.
175	71.04	9.2	6.11	41.0	282 18	
185	17	9.3	6.26	41.0	77 46	
78	70.16	6.0	23 16.92	15 15 43.5	277 46	
188	71.18	6.5	16.95 (½)	42.1 (½)	82 16	
82	70.18	9	23 32.85	19 41 27.7	282 12	Z. 3: h.9m
185	71.17	9.2	32.86	27.4	77 50	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
78	70.17	8.7	$9^m26^s.35$	19° 9′ 37″.6	281° 40′	
185	71.17	8.6	26.43	36.7	78 22	
69	70.11	8-9	9 28.58	16 52 46.4	80 38	s. unr.
79	17	schw., W.	28.58 (⅔)	43.7 (½)	279 24	Hgl. −″.058
80	18	8	28.61	42.9	279 24	
229	71.99	8.0	28.44	44.6	80 40	
69	70.11	s. 7-8	9 53.76	16 12 44.2	81 18	
73	15	8	53.64	43.7	278 50	
229	71.99	7.5	53.57	45.0	81 20	
72	70.15	h. 9	9 59.44	15 7 28.8	277 42	
183	71.16	8.5	59.43	27.7	82 24	
78	70.17	7.4	10 7.40	19 59 46.9	282 30	
186	71.17	7.5	7.37	45.0	77 32	
65	70.10	9 ·· s.9	10 —	17 31 28.6	80 0	
67	11	9	15.79	27.9	80 0	
70	12	9	15.65	27.3	280 2	
65	70.10	s. 9 ·· 9	10 —	17 14 38.3	80 16	s. unr.
67	11	9	24.61 (⅔)	38.6	80 16	Fäd. st schl.
70	12	8-9	24.36	39.9	279 46	
77	70.16	h. 8-9	10 26.40	19 50 19.7	282 22	
186	71.18	8.5	26.40	18.9	77 42	
3	69.16	9	10 50.09 (0.4)	19 11 9.0 (½)	281 38	
77	70.16	s. 9	50.09	9.5	281 42	
185	71.17	9.0	50.03	10.2	78 20	
65	70.10	9	11 —	17 51 21.8	79 40	
67	11	9	15.12	22.4 (½)	79 40	
70	12	9	15.11	24.3	280 22	
76	70.16	9 ·· s.9	11 21.14	18 4 55.9	280 36	
185	71.17	9.0	21.15	55.1 (½)	79 26	
69	70.11	s. 9	11 33.04	16 58 9.6	80 32	
73	15	s. 9	32.99	11.7	279 34	
229	71.99	9.0	32.95	11.1	80 34	
76	70.16	h. 9	11 41.76	18 55 54.0	281 26	
183	71.16	9.0	41.71	54.5	78 36	
76	70.16	9	11 43.49	19 33 7.9	282 4	
186	71.18	8.8	43.45	7.3	77 58	
77	70.16	6-7	11 51.01	20 0 5.7	282 30	
184	71.17	6	50.97	5.6	77 32	spl. (helle Bel.)
229	99	6.5 *	50.94	5.3	77 32	* schw. orge. [1]
72	70.15	8-9	12 1.75	20 5 10.1	282 38	
184	71.17	9.0	1.74	9.7	77 26	
72	70.15	s. 8	12 28.90	15 39 13.0	278 12	
183	71.16	8.5	28.88	12.5	81 52	
77	70.16	h. 8-9 ·· s. 8	12 40.31	18 4 23.2	280 34	
185	71.17	8.0	40.37	22.0 (½)	79 28	
69	70.11	h. 8-9	12 45.50	16 35 55.8	80 56	
73	15	h. 9	45.55	56.8	279 12	
229	71.99	8.3	45.48	56.0	80 56	
69	70.11	9 ·· s.9	12 52.39	15 59 27.3	81 32	
73	15	9	52.44	27.4	278 36	
3	69.15	6	12 56.10 (0.6)	19 26 54.6 (½)	281 54	
77	70.16	h. 7-8	55.91	51.7	281 58	
186	71.18	7	55.95	52.9	78 6	
72	70.15	9 ·· h.9	13 1.92	18 27 46.6	281 2	
184	71.17	9.0	1.80	45.3	79 4	
65	70.10	9	13 —	17 51 44.2	79 40	
67	11	h. 9	3.00	45.5	79 40	
70	12	9 ·· s.9	3.15	48.3	280 22	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
76	70.16	s. 9	$13^m18^s.79$	19° 49′ 38″.9	282° 20′	
185	71.17	9.1	18.87	37.4	77 42	
72	70.15	h. 8-9	13 27.72	14 55 48.9	277 30	
183	71.16	8.0	27.77	49.2	82 36	
65	70.10	s. 8	13 —	17 6 50.3	80 24	
67	11	7-8	28.79	48.8	80 24	
70	12	7-8	28.82	48.8	279 38	
69	70.11	s. 8 ·· h. 8-9	13 33.43	15 30 28.0	82 0	
73	15	8-9	33.42	27.5	278 6	
229	71.99	8.4	33.45	28.4	82 2	
77	70.16	7 ·· s.7	13 33.57	19 41 8.5	282 12	
186	71.18	6	33.61 (½)	8.5 (½)	77 52	
65	70.10	9-10	13 —	17 7 30.9	80 24	
67	11	9	39.19	31.6	80 24	
70	12	9-10 W.	39.07	30.2	279 38	
76	70.16	h. 9 ·· 9	13 44.17	18 54 18.8	281 24	
185	71.17	9.0	44.20	18.0	78 38	
76	70.16	h. 8	14 19.77	18 46 49.4	281 18	
185	71.17	7.5	19.76	50.7	78 46	
69	70.11	h. 8	14 28.84	15 43 19.4	81 48	
78	16	8.0	28.89	19.8	278 14	
229	71.99	8.0	28.81	19.3	81 48	
3	69.16	9	14 45.78 (½)	20 0 3.6 (½)	282 26	kaum zu beob.
77	70.16	s. 9	45.96	6.0	282 30	
186	71.18	9.0	46.02	4.2	77 32	
69	70.11	9: s.unr.	14 48.67	15 58 2.7	81 32	
78	16	8.6	48.62	3.1	278 28	
229	71.99	9.0	48.63	1.8	81 34	
77	70.16	8-9	14 51.32	19 42 33.5	282 14	Dpl.??
183	71.16	8.3	51.39	33.2	77 50	
77	70.16	9	15 1.21	19 56 2.7	282 26	
184	71.17	9.1	1.33	3.7	77 36	Z.186.9*
72	70.15	h. 9 (W.)	15 1.83	14 54 17.1	277 28	
183	71.16	9.1	1.80	16.1	82 38	
69	70.11	8	15 12.01	16 0 0.2	81 30	
78	16	7.9	11.97 *	1.4	278 30	
229	71.99	7.7	11.99	15 59 59.8	81 32	
68	70.11	s. 8 ·· h. 8-9	15 20.94	16 40 47.1	80 50	
73	15	8-9	20.98	48.6	279 16	
78	70.16	7-8	15 24.82	18 53 16.9 (½)	281 25	
186	71.18	8.0	24.85	17.7	78 38	
76	70.16	s. 8-9	15 31.11	18 37 16.1	281 8	
184	71.17	8.5 sic	31.13	15.8	78 54	eilig
186	18	8.8	31.08	15.7	78 54	
76	70.16	9	15 39.40	18 46 33.5	281 18	
185	71.17	9.0	39.47	33.4	78 46	
186	18	9.1	39.45	34.2	78 46	
76	70.16	7-8	16 11.34	18 28 47.9	281 0	
185	71.17	7.5	11.33	47.1	79 4	
68	70.11	s. 8	16 12.27	16 51 55.6	80 40	
73	15	s. 8-9	12.43	56.9	279 28	
72	70.15	8-9	16 18.79	15 55 18.6	278 30	
183	71.16	8.5	18.75	18.7	81 36	
72	70.15	s. 7-8 ·· h. 8	16 20.59	15 55 11.7	278 30	
183	71.16	7.9	20.52	11.1	81 36	
65	70.10	8	16 —	17 12 13.7	80 18	
67	10	s. 8	20.86	12.8	80 18	
70	12	h. 8-9	20.80	11.5	279 42	
69	70.11	h. 6	16 24.64	16 34 45.9	80 56	
81	18	6	24.67 (½)	44.7 (½)	279 5	

[1] Com. 12ʳ ± 190 ·· 200°, schw. (s. hell. Feld)

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
68	70.11	s.8	$16^m 29^s.51$	$16° 22' 38''.4$	81° 8'	
73	15	8-9	29.60	37.2	278 58	
229	71.99	8.0	29.45	39.1	81 10	
3	69.16	h.8-9	16 33.18 (½)	19 52 50.8 (½)	282 20	19°915 10^m
79	70.17	h.8-9:	33.10	51.0	282 24	
187	71.18	8.5	33.07	50.3	77 40	
77	70.16	s.8-9	16 42.11	19 13 6.2	281 44	
186	71.18	9.0	42.17	8.0	78 20	
78	70.16	9.3	16 48.08	18 54 26.9	281 24	
184	71.17	[9.5]	47.98	24.0	78 38	kaum sichtbar
185	17	9.2	48.00	24.4	78 38	
78	70.17	9.1	16 49.49	18 53 4.0	281 24	
184	71.17	9.0	49.66	5.0	78 38	
77	70.16	h.8-9	16 51.23	20 1 21.7	282 32	
186	71.18	8.2	51.30	20.1	77 30	
68	70.11	8 .. h.8	16 56.45	16 26 36.8	81 4	
81	18	8.0	56.54	37.5	278 58	
65	70.10	s.8-9	17 —	17 15 56.7	80 14	
67	11	9	2.58	56.4	80 14	
70	12	s.9-10	2.66	56.2	279 46	
65	70.10	6	17 —	17 15 55.7	80 14	
67	11	5-6	7.72	54.6	80 14	
70	12	h.7	7.77	55.1	279 46	
72	70.15	8-9 .. s.8-9	17 23.80	15 51 29.2	278 26	
187	71.18	8.5	23.79	26.2	81 40	
65	70.10	h.9-10	17 —	17 57 50.9	79 34	
67	11	h.9-10	25.20	52.8	79 34	
174	71.04	9.0	25.32	51.0 (½)	280 30	
78	70.17	9.0	17 30.97	18 21 15.8	280 52	
185	71.17	8.6	30.90	13.9	79 10	
82	70.18	7-8	17 35.66	17 4 47.9 (½)	279 36	
187	71.18	7.7	35.63	48.2	80 26	
81	70.18	9	17 56.45	15 14 45.1 (½)	277 47	
187	71.18	8.8	56.49	44.5	82 16	
3	69.16	s.8-9	18 12.76 (½)	19 13 37.3 (½)	281 40	
77	70.16	9 .. s.9	12.52 (½)	34.3 (½)	281 44	etw. uns.
185	71.17	8.9	12.73	34.1	78 18	
78	70.16	8.8	18 26.51	16 31 17.2	279 2	
187	71.18	8.2	26.57	15.9	81 0	
77	70.16	s.8-9 .. h.9	18 28.14	15 28 0.3	277 58	
186	71.18	8.6	28.20	27 58.4	82 4	
78	70.16	8.9	18 42.39	19 1 22.2	281 32	
186	71.18	8.6	42.38	20.9	78 30	
82	70.18	7-8	18 44.87	15 20 24.6 (½)	277 51	
187	71.18	7.5	44.80	25.9	82 12	
78	70.17	6.8	18 52.36	16 35 13.6	279 6	
185	71.17	6.7	52.37	12.4	80 56	
82	70.18	7-8	18 52.50	15 33 30.0 (½)	278 4	
186	71.18	7.5:	52.57	29.9	81 58	
78	70.17	9.1 *	19 0.63	16 35 11.7	279 6	* vorg. hell. •
185	71.17	9.1	0.52	10.6 (½)	80 56	[blendet
81	70.18	9	19 9.87	15 59 46.7	278 30	
185	71.17	9.0	9.89	48.0	81 32	
68	70.11	7-8	19 25.82	16 6 30.1	81 24	
82	18	7	25.79	30.4 (½)	278 37	
65	70.10	h.7	19 —	17 51 9.3	79 40	
67	11	7:	52.70	9.0	79 40	äuss. unr.
70	12	7-8	52.58	8.9	280 22	
3	69.16	9	19 53.54 (0.4)	19 53 9.8 (½)	282 20	
81	70.18	9.2	53.76	9.4	282 24	
183	71.16	9.3	53.79	10.7	77 38	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
81	70.18	8.7	$20^m 2^s.37$ (½)	$18° 36' 28''.9$	281° 8'	3 F.
186	71.18	8.5	2.40	29.3	78 56	
84	70.20	ä. schw.	20 4.99	15 8 53.3	277 40	Hgl.—^{s}073 ang.
188	71.18	6.5	5.02	53.6	82 22	
65	70.10	9	20 —	17 9 38.5	80 22	
67	11	s.9:	7.61	35.6	80 22	
70	12	9-10	7.19	38.5	279 40	schw., [illegible]
81	70.18	8.8	20 9.91	18 23 19.6	280 54	
186	71.18	8.6	9.96	21.2	79 8	
82	70.18	h.7-8	20 18.72	15 55 52.5 (½)	278 26	
185	71.17	7.5	18.75	53.0	81 36	
82	70.18	5	20 34.71	15 45 58.7	278 16	
188	71.18	5.9	34.70	46 0.0 (½)	81 46	
77	70.16	h.8-9	20 39.37	14 57 30.9	277 28	
187	71.18	8.7	39.48	29.9	82 34	
77	70.16	8-9 .. h.8-9	20 44.19	14 54 25.5	277 26	
187	71.18	8.5	44.19	26.1	82 38	
65	70.10	6-7 rthl.	20 —	17 8 0.2	80 24	
67	11	6-7: »	46.41	7 59.4	80 24	
70	12	6-7 »	46.21	59.8	279 38	
77	70.16	h.9 .. s.8-9	20 51.61	14 57 49.7	277 28	
187	71.18	9.0	51.66	49.5	82 34	
68	70.11	7-8	20 56.81	16 20 1.9	81 10	
81	18	h.7	56.95	1.5	278 50	
68	70.11	8	21 11.67	16 29 54.3	81 0	
78	17	8.1	11.75	56.0 (½)	279 0	
3	69.16	h.9	21 32.21 (½)	19 56 54.4 (½)	282 24	
77	70.16	s.9 .. 9	32.15	57.2	282 28	
185	71.17	9.1	32.28	56.8	77 34	
68	70.11	8	21 37.35	16 19 19.8	81 12	
81	18	7.8	37.54	18.4	278 50	
77	70.16	9	21 39.84	19 56 26.6	282 28	Z. 3: h.8-9^m
185	71.17	8.6	39.88	27.7	77 34	
78	70.16	9.2	21 41.66	20 5 3.3	282 36	
187	71.18	9.2	41.71	2.7	77 28	
65	70.10	s.7	22 —	18 15 43.0	79 16	
79	17	h.8:	0.54	43.8	280 46	
186	71.18	7.2	0.43 (½)	43.6 (½)	79 16	
77	70.16	9-10	22 12.11	19 56 51	282 28	1 F.
77	70.16	h.9	22 26.84	19 56 57.1	282 28	
185	71.17	8.9	26.80	56.9	77 34	
65	70.10	s.8	22 —	18 18 56.0	79 12	
67	11	s.8	30.73	55.9	79 12	
70	12	h.8-9	30.79	55.1	280 50	
79	17	8:	30.74	54.7	280 50	
65	70.10	s.8-9	22 —	18 19 45.6	79 12	
67	11	s.8-9	32.04	45.2	79 12	
70	12	h.9	32.16	45.1	280 50	
79	17	s.8-9:	32.13	44.9	280 50	
68	70.11	h.7-8	22 45.86	16 2 57.1	81 28	s. unr.
73	15	h.8-9	46.06	57.0	278 40	
81	70.18	8.8	22 56.09	18 39 15.8	281 10	
186	71.18	9.0	56.00	16.9 (½)	78 52	
3	69.16	9	23 6.28 (0.3)	19 45 38.6 (½)	282 12	3 F.
175	71.04	9.2	6.11	41.0	282 18	
185	17	9.3	6.26	41.0	77 46	
78	70.16	6.0	23 16.92	15 15 43.5	277 46	
188	71.18	6.5	16.95 (½)	42.1 (½)	82 16	
82	70.18	9	23 32.85	19 41 27.7	282 12	Z. 3: h.9^m
185	71.17	9.2	32.86	27.4	77 50	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
77	70.16	h.8-9..s.8	$23^m40^s.30$	$20^\circ 5' 24''.8$	$282^\circ 36'$	
187	71.18	8.4	40.30	25.2 (½)	77 26	
81	70.18	8.3	23 46.98	18 27 46.0	280 58	
186	71.18	8.4	46.91	46.5	79 4	
82	70.18	h. 9	23 53.50	18 10 9.2	280 40	
175	71.04	8.5	53.40	8.4	280 42	
186	18	8.8	53.43	9.1 (½)	79 22	
81	70.18	8.4 unr.	23 59.35	18 55 33.0	281 26	Z.187: $8^m.8$
186	71.18	8.8	59.40	34.8	78 36	18°868 $9^m.0$
78	70.16	8.9	24 3.45	15 41 21.0	278 12	
187	71.18	8.6	3.46	19.6	81 50	
3	69.16	9	24 17.70(0.3)	19 32 18.6 (½)	281 58	3 F.
175	71.04	9.1	17.58	15.4	282 4	
185	17	9.2	17.66	17.5	78 0	
81	70.18	8.9	24 20.39	18 54 47.4	281 26	
187	71.18	9.1	20.45	49.2	78 38	
82	70.18	6-7: roth	24 20.60	18 8 55.1	280 40	
175	71.04	7.2	20.59	55.3	280 40	
186	18	7.0 orge	20.61	55.5	79 24	
65	70.10	s. 8-9	24 —	17 13 19.1	80 18	
67	11	h.9..s.8-9	20.63	20.8	80 18	
70	12	[9-10 W.]	20.84 (½)	19.1	279 44	2 F.
78	70.16	9.1	24 23.65	15 13 37.1	277 44	
187	71.18	8.9	23.66	35.6	82 18	
77	70.16	s. 8-9	24 23.74	19 27 16.5	281 58	Z. 3: 8^m
185	71.17	8.5	23.71	17.6	78 4	
82	70.18	9	24 32.11 (½)	18 7 47.5	280 38	2 F.
175	71.04	9.0	32.08 (½)	47.0	280 40	α etw. uns.
185	17	8.9	32.06	48.4	79 24	
65	70.10	s. 8	24 —	17 26 10.1	80 4	
67	11	h. 8-9	46.91	10.8	80 6	
70	12	[9-10 W.]	46.79	9.3	279 56	1 F.—$0^s.09$ abw.
79	70.17	h. 6	24 53.14	18 29 57.4	281 0	
188	71.18	4.1 roth	53.14	57.0	79 2	
68	70.11	h. 7-8	24 59.43	16 57 46.8	80 32	
73	15	h. 8:	59.50	49.9	279 34	
68	70.11	h.8..s.7-8	24 59.84	16 57 40.3	80 32	
73	15	8:	59.85	40.1	279 34	
68	70.11	9	24 59.89	16 2 25.4	81 28	9-10^m f. 2ˢ 2'N.
78	17	8.9	59.94	25.2	278 34	$9^m.2$ f. 2ˢ 2'.5N. (1'.5?)
81	70.18	7.5	25 0.83	19 1 46.6	281 32	
188	71.18	7.8	0.80	48.2 (½)	78 30	
65	70.10	s. 8	25 —	17 39 1.2	79 52	
67	11	8-9..s.8-9	1.06	1.6	79 52	
70	12	...*	1.17	38 59.7	280 10	* [s.9..h. 9-10, W.]
3	69.16	8-9	25 43.31 (½)	19 57 17.2(½)[1]	282 24	
77	70.15	h.9..s.8-9	43.32	12.8	282 28	höchst. so hell
186	71.18	8.5	43.34	14.6	77 36	
68	70.11	8-9	25 57.51	15 51 24.0	81 40	s. schwkd.
78	17	8.2	57.58	24.3 (½)	278 22	spl.
65	70.10	8-9	26 —	17 23 3.7	80 8	
67	11	h. 8-9	2.94	4.5	80 8	
70	12	[9-10 W.]	3.08	3.5	279 54	
79	70.17	s.7..h.7-8	26 12.15	18 26 56.1	280 58	
188	71.18	6.4	12.11	56.7 (½)	79 4	
78	70.16	9.2	26 16.89(½)[2]	15 55 26.1	278 26	$9^m.5$ 12ˢ 45°
186	71.18	9.3	16.76	25.0	81 36	
78	70.16	9.0	26 18.08 (½)	15 30 52.3	278 2	3 F.
187	71.18	8.8	18.18	51.5	82 2	
			5^h			
77	70.16	9	$26^m20^s.01$	$19^\circ 10' 35''.9$	$281^\circ 50'$	
185	71.17	8.0	20.03	36.6	78 12	
77	70.16	..*	26 38.58	19 32 13.1	282 2	* 9-10..h.9-10
185	71.17	9.5	38.57	12.1	78 0	
68	70.11	7-8	26 50.29	15 29 48.1	82 2	
78	17	7.5	50.30	46.5	278 0	
81	70.18	9.0	27 5.70	14 51 45.9	277 26	
187	71.18	8.6	5.82	48.2 (½)	82 38	
175	71.04	8.2	27 17.52	15 42 35.7	278 14	
188	18	8.2	17.50	36.2	81 48	
65	70.10	9	27 —	17 3 17.4	80 28	
67	11	9..8.9	20.08	17.8	80 28	
82	18	8.8	20.50	18.6	279 34	
3	69.16	8.8	27 33.33(½)	19 22 51.8 (½)	281 50	
175	71.04	8.4	33.31	50.9	281 54	
186	18	8.6	33.45	50.7	78 8	
175	71.04	8.6	27 36.91	20 9 13.5	282 40	
188	18	8.8	36.95	14.1	77 22	
81	70.18	8.9	27 39.23(½)	18 32 31.9 (½)	281 4	
187	71.18	8.7	39.23	32.0	79 0	
82	70.18	9.2	27 51.80(½)	19 37 33.2(½)	282 8	2 F
175	71.04	9.1	51.80	33.1	282 8	
185	17	9.1	51.93	33.3	77 54	
79	70.17	9	27 53.35	18 20 7.0	281 0	
186	71.17	9.0	53.40	5.9	79 2	Z.187: 9ᵐ
78	70.16	7.4	27 54.36	15 33 11.3	278 4	
188	71.18	7.7	54.38	10.5	81 58	
81	70.18	9.4	27 54.73	18 44 31.9	281 16	
187	71.18	9.4	54.71	31.4	78 48	
77	70.16	8.0	27 55.47	19 40 5.8	282 10	Z.175: $8^m.3$
185	71.17	7.8	55.50	5.7	77 52	
73	70.15	9	27 59.90	16 26 20.5	279 2	
68	70.11	h.7..s.8-9	28 11.01	16 11 46.5	81 20	s. unr.
73	15	h. 8	10.95	45.6	278 48	
68	70.11	9-10	28 11.48	16 23 16.7	81 8	16°807 u. 8 9-10^m
81	70.18	7.8	28 24.24	18 40 25.4	281 12	
187	71.18	7.0	24.22	26.0	78 52	
81	70.18	9.3	28 26.46	18 40 37.5	281 12	
187	71.18	9.2	26.48(½)	38.3	78 52	1 F
77	70.16	h. 7-8	28 39.75	19 27 57.8	281 58	
188	71.18	7.6	39.76	58.5	78 4	
230	99	8.0	39.75	57.5	78 4	
77	70.16	h. 9	28 43.24	19 30 59.0	282 2	
188	71.18	8.7	43.26	58.6	78 2	sehr helle Bel.
82	70.18	8.0	28 44.03	16 3 21.8	278 34	
187	71.18	8.0	44.10	20.9	81 30	
79	70.17	h. 9	28 47.49	18 29 31.5	281 0	
186	71.17	8.6	47.58	30.7 (½)	79 2	
81	70.18	8.5	28 49.01	19 5 31.1	281 36	
186	71.18	8.5	48.98	31.6	78 26	
82	70.18	9.0	28 50.07	19 34 44.1	282 6	
185	71.17	8.9	50.20	44.4	77 58	
79	70.17	9..8.9	28 56.58	18 31 20.6	281 2	
186	71.17	8.9	56.64	18.9	79 0	
80	70.18	8.8	29 16.37	18 49 51.9	281 20	
185	71.17	8.8	16.52	52.2	78 42	
80	70.18	7.9	29 17.82	18 51 18.6	281 22	
185	71.17	7.6	17.84	19.4	78 40	

[1] Diese δ ist falsch; Abl. 22".2 Schreibfehler für 20".2? [2] Fäd. st. schl.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
78	70.16	8.0	$29^m 38^s.84$	15° 32′ 12″.4	278° 4′	
188	71.18	8.0	38.85	13.1	82 0	
82	70.18	6.0	29 48.51	16 57 39.7	279 28	
188	71.18	5.8	48.53	40.8	80 34	
80	70.18	9.0	29 55.38	18 55 52.1	281 26	
185	71.17	9.1	55.34	52.7	78 36	
3	69.16	s.8	30 10.80(½)	19 42 1.1 (½)	*282 8	
81	70.18	8.8	10.79	1.9 (½)	282 12	
185	71.17	8.5	10.85	1.6	77 50	
78	70.16	8.8	30 13.86	15 48 56.4	278 20	
186	71.18	9.0	13.86	54.9	81 42	
78	70.16	9.0	30 15.82	15 38 53.0	278 10	
187	71.18	9.0	15.74	50.9	81 54	
78	70.16	9.2	30 19.28	15 38 31.7	278 10	
187	71.18	9.2	19.23	30.6	81 54	
68	70.11	9‥s.9	30 19.57	16 28 42.7	81 2	
73	15	h.9	19.61	42.5	279 6	
84	70.20	äu. schw.	30 28.58(½)	15 10 0.4:(½)	277 40	
175	71.04	7.6	28.36	9 59.2	277 42	
188	18	8.0	28.44	59.9	82 22	
78	70.16	8.5	30 41.85	15 50 15.4	278 22	
186	71.18	8.2	41.93	15.7	81 42	
81	70.18	9.0	30 50.58	15 5 21.1	277 36	
188	71.18	9.2	50.66	21.0	82 26	
80	70.18	9.0	30 57.27	16 54 25.1	279 26	
186	71.18	9.0	57.31	26.3	80 38	
80	70.18	8.8	31 7.10	17 11 29.3	279 42	
187	71.18	8.6	7.18	28.8	80 20	
81	70.18	9.2	31 14.29	19 57 34.9	282 28	
185	71.17	9.1	14.27	36.1	77 34	19° 993 $9^m.0$
81	70.18	9.1	31 31.27	19 57 23.5	282 28	
3	69.16	h.8	31 44.41(0.3)	19 41 37.9 (½)	282 8	
74	70.15	h.8-9‥s.8	44.40	39.1	282 14	
185	71.17	7.9	44.37	38.7	77 50	
79	70.17	s.9	31 50.08	18 51 39.8	281 22	
186	71.18	8.9	50.10	39.3	78 40	
230	99	9.0	50.00	39.8	78 40	
65	70.10	s.9‥9	32 —	17 39 25.9	79 52	
67	11	h.9	3.31	27.6	79 52	
70	12	9	3.31	26.6	280 10	
65	70.10	9	32 —	17 41 25.8	79 50	
67	11	9	7.28	25.4	79 50	
70	12	s.9	7.34	23.3	280 12	
78	70.16	9.0	32 31.20	15 14 42.7	277 46	
187	71.18	9.0	31.27	41.9	82 16	
74	70.15	9	32 32.42	19 18 56.6	281 50	
185	71.17	9.0	32.41	57.6	78 14	$9^m.3$ 2ˢ v. 0′.3 N.
80	70.18	7.3	32 46.13	19 36 32.1 (½)	282 7	
185	71.17	8.0	46.12	32.0	77 56	
230	99	8.0	46.20	32.9	77 56	
65	70.10	9	32 —	17 36 18.5	79 54	
67	11	h.9	46.53	18.2	79 54	
70	12	s.9	46.75 (½)	18.8	280 8	3 F.
175	71.04	9.0	33 0.23	17 17 53.6	279 50	
186	18	9.0	0.28	53.4	80 14	
68	70.11	8	33 4.22(½)	16 19 41.3 (½)	81 12	
73	15	h.8	4.16(½)	41.7 (½)	278 57	
80	70.18	9.0	33 7.11	15 29 25.4	278 0	
187	71.18	9.1	7.09	24.4 (½)	82 2	
78	70.17	{ 8.8	$33^m 8^s.47$	15° 16′ 53″.4	277° 48′	} D.(12″ 280°)±
		{ 8.3	9.18	52.2	277 48	
190	71.19	{ 9.0	8.44	52.7	82 14	} Dpl. 15″ 275°
		{ 7.5	9.18	52.0	82 14	
3	69.16	8.5	33 24.34(0.4)[1]	19 3 24.9 (½)	281 30	Bem.[1]
74	70.15	9	24.35	25.7	281 34	
185	71.17	8.9	24.39	25.9	78 28	
82	70.18	8.3	33 25.22	15 2 10.0	277 32	
188	71.18	8.4	25.25	8.8	82 30	
68	70.11	9‥h.9	33 25.87	16 52 30.9	80 38	
73	15	9	25.92	31.2	279 30	
82	70.18	8.8	33 32.92	17 7 36.9	279 38	
186	71.18	8.7	32.86	37.3	80 24	
65	70.10	8-9	33 —	17 14 41.9	80 16	
67	11	s.8‥h.8-9	33.35	40.2	80 16	zieml.
70	12	h.9	33.35	40.0	279 46	
81	70.18	8.1	33 46.99	19 59 40.2	282 30	
189	71.19	8.0	46.99	38.1	77 32	
230	99	8.0	46.96	40.0	77 32	
78	70.16	9.0	33 47.91	15 58 35.8	278 30	
187	71.18	8.8	47.96	36.2	81 34	
79	70.17	h.9‥s.8-9	33 48.98	18 33 23.6	281 4	
188	71.18	8.7	49.02	24.9	78 58	
68	70.11	6	34 4.29	16 28 1.7	81 2	
73	15	6	4.27	1.2	279 4	
81	70.18	7.0	34 6.15	17 27 16.6 (½)	279 58	
190	71.19	8.0	6.11	19.2	80 4	
81	70.18	8.7	34 7.98	17 22 17.3	279 52	
187	71.18	8.6	8.03	17.9	80 10	
175	71.04	8.0	34 12.72	19 9 13.7	281 40	spl., aber verw.
188	18	8.6	12.75	12.6	78 22	spl.
74	70.15	h.8-9	34 21.79	19 17 26.7	281 48	
186	71.17	8.0	21.84	27.2	78 14	
74	70.15	8-9	34 23.60	19 22 33.1	281 54	
186	71.17	8.4	23.57	32.0	78 10	
78	70.17	7.9	34 24.44	15 9 16.5	277 40	
190	71.19	8.5	24.47	16.0	82 22	
175	71.04	7.6	34 28.33	16 10 4.7 (½)	278 42	
189	19	8.2	28.35	3.9	81 22	
175	71.04	8.8	34 28.62	19 35 56.5	282 8	19° 1028 $9^m.0$
185	17	9.0	28.50	57.8	77 56	
230	99	9.0	28.40	56.3	77 56	19° 1028 $9^m.2$
68	70.11	9	34 29.32	16 14 18.5	81 16	Bem.[2]
73	15	h.9-10	29.36	18.5	278 50	Z. 175: $h.9^m$
80	70.18	8.9	34 36.91	19 36 59.2	282 8	
185	71.17	9.2	36.76(½)	37 0.4	77 54	3 F. — Bem.[3]
80	70.18	9.0	34 40.23	18 28 31.1	281 0	
188	71.18	9.3	40.27	31.8	79 4	
82	70.18	8.9	34 48.99	14 52 20.8	277 24	
188	71.18	9.0	48.91	21.2	82 40	
3	69.16	s.8-9	34 52.26(½)	19 34 43.9 (½)	282 2	
80	70.18	8.8	52.34(½)	41.9	282 6	3 F.
185	71.17	9.0	52.22	42.9	77 56	
230	99	9.0	52.17	42.7	77 58	
78	70.17	8.9	35 0.46	15 11 40.7	277 42	
189	71.19	8.8*	0.51	39.1	82 20	* c. z. schwach [gesch.?
79	70.17	8-9	35 3.84	18 37 28.1	281 8	
190	71.19	8:	3.80	27.6	78 54	wohl Wolken

[1] Uhr nicht deutlich hörbar [2] s. 9-10^m 3ˢ: v. 1′.5 N.
[3] Z. 175: $9^m.0$, 230: $9^m.2$

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
65	70.10	9	35^m 5.42	18° 0' 55.8	79° 30'	
180	71.09	9.2	5.58	59.7	280 32	
79	70.17	9	35 7.43	18 35 50.9	281 6	
189	19	9.0	7.42 (½)	50.6 (½)	78 56	3 F.
82	70.18	7.0:	35 7.43	18 55 26.5	281 26	
187	71.18	8.7	7.45	26.4	78 36	
175	71.04	9.2	35 23.09	18 58 9.6	281 30	
187	18	9.2	23.08	11.6	78 34	
81	70.18	8.9	35 25.69	19 47 3.6	282 18	
185	71.17	9.2	25.68	4.7	77 44	Bel. e. z. hell
230	99	9.1	25.78	4.8	77 44	
74	70.15	s.8-9	35 28.80	19 58 16.5	282 30	
180	71.09	8.6	28.87	17.9	282 30	
186	18	—	28.71 (½)	—	77 —	2 F.
180	71.09	8.5	35 31.84	14 57 48.1	277 30	
188	18	8.7	31.83	48.0	82 34	
82	70.18	6.5	35 32.44	18 55 4.3	281 26	
187	71.18	h.7	32.53	3.8	78 36	
65	70.10	8-9	35 —	17 19 39.1 (½)	80 12	
67	11	s.8	32.81	38.7	80 12	
70	12	[s.9*]	32.65	37.9	279 50	* wohl W.
190	71.19	8.7	32.70	38.8 (½)	80 12	
78	70.17	9.0	35 39.82	15 8 47.8	277 40	[gesch.;
189	71.19	8.7*	39.87	47.0	82 24	* e. z. schwach
74	70.15	s.9	35 43.00 (½)	20 0 45.5	282 32	1 F.
180	71.09	9.4	43.01	41.5	282 32	
186	18	9.2	42.99	42.1	77 32	
67	70.10	s.8-9--8-9	35 47.73	18 27 27.7	79 4	
175	71.04	8.3	47.73	29.2 (½)	281 0	
80	70.18	9.0	35 54.08	18 46 26.4	281 18	
187	71.18	9.1	54.03	26.7	78 46	
67	70.11	8-9	36 2.32	16 36 41.4	80 54	
68	11	s.8-9	2.33	42.1	80 54	
73	15	8-9	2.28	42.1 (½)	279 12	
81	70.18	8.6	36 12.00	18 5 3.6	280 36	
189	71.19	8.8	12.05	3.3	79 26	
180	71.09	8.5	36 13.81 (½)	16 42 7.0	279 14	3 F.
189	19	8.6	13.94	7.3	80 50	
65	70.10	8-9	36 —	16 38 15.3	80 52	
67	11	s.8-9	15.68	15.3	80 52	
68	11	8-9	15.84	15.9	80 52	
70	12	9*	15.84	13.8	279 10	* nicht heller
73	15	h.8-9	15.79	15.3	279 14	
82	70.18	9.1	36 23.23	19 0 30.1	281 32	
186	71.18	9.1	23.26	31.3	78 32	
81	70.18	9.0	36 29.34	18 35 15.2	281 6	
188	71.18	9.1	29.40	15.9	78 56	
68	70.11	9	36 30.57 (½)	16 17 54.8 (½)	81 12	
73	15	9--s.9	30.52	55.4	278 54	
3	69.16	9	36 44.34 (½)	19 48 10.9 (½)	282 14	
74	70.15	s.9	44.45	10.9	282 20	
185	71.17	9.2	44.52	11.0	77 44	Bel. e. z. hell
230	99	9.2	44.40	11.6	77 44	
80	70.18	7.2	36 55.78	18 46 32.8	281 18	
187	71.18	7.7	55.85	33.9	78 46	
80	70.18	8.2	37 2.32	18 28 6.7	280 58	
186	71.18	8.1	2.28	6.9	79 4	
81	70.18	8.9	37 14.11	19 34 38.4	282 6	
185	71.17	9.0	14.18	39.7	77 58	
230	99	9.1	14.12	39.1	77 58	
78	70.17	7.4	37 22.53	15 0 25.1	277 32	
189	71.19	7.2	22.57	24.7 (½)	82 32	
			5^h			
65	70.10	9	37^m —	18° 40' 51.5	78° 50'	
67	11	h.9	32.05	53.2	78 50	
70	12	9	32.61	51.9	281 12	
79	17	s.8-9	32.81	51.4	281 12	
68	70.11	h.7-8--8;	37 41.17	16 1 47.1 (½)	81 28	s. unr.
73	15	7-8	41.15	47.2	278 38	
78	70.16	8.9	37 47.53	15 34 45.7	278 6	
187	71.18	8.5	47.58	44.8	81 58	
67	70.11	7	37 51.16	18 38 55.1	78 52	
78	16	—	51.17	54.0	281 10	
79	17	h.7-8	51.06	53.8	281 10	
188	71.18	6.5	51.12	54.2	78 52	
78	70.16	9.2	38 2.85	18 40 20.0	281 12	
82	18	9.1	2.82	20.2	281 10	
186	71.18	9.2	2.84	20.6	78 52	
3	69.16	h.9-10	38 8.51 (½)	19 20 33.0 (½)	281 48	
74	70.15	s.9	8.59	30.2	281 52	
185	71.17	9.2	8.63	30.0	78 12	
230	99	9.2	8.53	30.6	78 12	
65	70.10	s.8-9	38 —	18 36 9.2	78 56	
70	12	h.8-9	20.32	9.3	281 6	
188	71.18	8.3	20.27	8.4	78 56	
2	69.15	h.8	38 28.57 (½)	18 44 20.7 (½)	281 12	1 F.
80	70.18	7.6	28.56	18.3	281 14	
186	71.18	7.5	28.48	18.7	78 48	
185	71.17	9.3	38 30.79	19 21 30.4	78 10	
80	70.18	7.6	38 47.40	18 48 28.1	281 20	
186	71.18	7.6	47.39	27.2	78 44	
230	99	7.7	47.34	28.3	78 44	
74	70.15	9	38 51.87	19 18 31.0	281 50	
82	18	9.4	51.72 (½)	29.8 (½)	281 48	
181	71.12	9.0	51.95	27.7	281 50	
187	18	9.1	51.84	31.0	78 14	
74	70.15	9	39 12.99	19 53 31.7	282 24	
184	71.17	9.3	13.03	32.1	77 38	
82	70.18	7.9	39 20.80	20 7 23.2	282 38	
188	71.18	7.5	20.80	21.6	77 24	
69	70.11	6-7	39 34.21	15 46 20.2	81 40	
78	17	5.9	34.21	17.3	278 18	
69	70.11	9	39 50.16	15 48 25.2	81 42	
78	17	9.0	50.19	23.9	278 20	
81	70.18	9.0	39 57.84	15 24 51.3	277 56	
187	71.18	8.5	57.83	51.2	82 8	
68	70.11	h.8-9--8-9	40 1.40	16 31 47.0	80 58	
73	15	8-9	1.36	47.9	279 8	
80	70.18	7.8	40 5.97 (½)	18 40 52.7 (½)	281 12	
184	71.17	8.0*	6.02	53.1	78 50	* Cirri
230	99	7.6	5.94	52.3	78 52	
*						
78	70.16	8.3	40 21.61	15 40 15.3	278 12	
188	71.18	8.4	21.61	16.3	81 52	
68	70.11	h.9-10	40 22.12 (½)	17 41 4.2	79 50	3 F.
74	15	9-10	22.21 (½)	6.4	280 12	3 F.
82	70.18	8.2	40 31.22	14 59 1.2 (½)	277 30	
188	71.18	8.3	31.16	0.5	82 32	
65	70.10	h.9	40 —	17 44 56.3	79 46	
67	11	s.9	35.24 (½)	55.8	79 46	2 F.
70	12	9--s.9	35.18	55.9	280 16	
76	16	9	35.26	56.6	280 16	
230	71.99	8.6	35.23	56.0	79 46	

* Nr. 1698: 130 Tauri, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
81	70.18	8.5	40^{m}55^s.44	17°26′59″.2	279°58′	
183	71.16	8.6	55.44	27 0.2	80 6	
81	70.18	7.4	41 12.48	17 23 16.1	279 54	
183	71.16	8.0	12.31	16.4 (½)	80 9	
81	70.18	7.5	41 25.58	18 11 56.6	280 44	
184	71.17	8.0	25.51 (½)	57.8 (½)	79 20	
230	99	7.2	25.53	57.1	79 20	
68	70.11	9	41 51.71	16 9 10.8 (½)	81 22	
73	15	s.9	51.66	10.9	278 46	
65	70.10	9	41 55.76 (½)	17 41 52.6	79 48	3 F.
67	11	9‥s.9	55.57	50.1	79 50	
70	12	9‥s.9	55.76	51.4	280 12	
76	16	9	55.75	51.4 (½)	280 13	
80	70.18	7.5:	42 4.78	18 34 33.8 (½)	281 6	
186	71.18	8.2	4.70 (½)	34.0	78 56	
230	99	7.7	4.72	34.1	78 58	
69	70.11	h.9‥9	42 13.13 (½)	17 28 34.6 (½)	80 2	
73	15	9	13.07	33.5	280 6	
74	70.15	h.8	42 46.44 (½)	19 7 32.4 (½)	281 38	etw. eilig
185	71.17	8.2	46.48	30.5	78 24	
78	70.16	8.9	42 50.40	15 58 20.9	278 30	
187	71.18	8.4	50.41 (½)	21.8	81 34	
78	70.16	9.3	42 53.05	15 37 32.6	278 8	
187	71.18	9.3	53.00	30.1	81 54	
79	70.17	s.8-9‥h.9	42 57.67	18 54 19.6	281 26	
186	71.18	8.3	57.67	19.6	78 38	
188	18	7.8	57.61	20.4	78 38	
80	70.18	8.6	43 0.87	18 31 6.2	281 2	
186	71.18	8.8	0.83	4.2	79 0	
230	99	8.6	0.81	7.5	79 2	
188	71.18	9.2	43 11.56	18 53 30.7	78 38	Z. 80: 9^m.2
74	70.15	h.9	43 13.50	19 39 21.2	282 10	
185	71.17	8.9	13.57	20.3	77 52	
80	70.18	9.0	43 13.95	18 53 0.7	281 24	
188	71.18	8.6:	13.85	0.8	78 38	
65	70.10	8-9	43 —	17 59 12.3	79 32	
67	11	8-9	13.99	12.0	79 32	äuss. unr.
70	12	8-9	13.91	14.0	280 30	
78	70.16	9.0	43 23.71	15 28 12.0	278 0	
188	71.18	9.1	23.66	11.7	82 4	
82	70.18	8.5±*	43 26.37 (½)	20 7 33.2 (½)	282 38	* Wolken
185	71.17	8.5	26.35	32.2	77 24	
79	70.17	h.9	43 31.38	18 54 10.1 (½)	281 25	
186	71.17	8.6	31.44	9.1	78 38	
74	70.15	h.9	43 38.25	19 49 55.3 (½)	282 20	
185	71.17	8.6	38.27	55.9	77 42	
82	70.18	8.5±	43 43.13 (½)	20 6 5.1 (½)	282 37	
185	71.17	8.2	43.05	4.7	77 26	
81	70.18	7.0	43 44.61 (½)	18 30 48.0 (½)	281 2	
189	71.19	7.2	44.63	46.7	79 0	
230	99	7.3 orge	44.53	47.9	79 2	
67	70.10	h.9-10	43 48.99 (¼)	17 51 9.9	79 40	1 F.[1] Z. 65: h.9^m
70	12	9-10	48.57: (¼)	16.1: (¼)	280 22	2 F.
65	70.10	h.8-9	43 —	17 47 59.6	79 44	
67	11	h.8-9‥s.8	—	58.3	79 42	
70	12	9	49.53	58.2	280 18	
188	71.18	8.4	49.40	59.0	79 44	
65	70.10	9	44 —	17 17 52.8	80 14	
67	11	h.9	0.83	52.9	80 18	
70	12	9‥s.9	0.88	53.4	279 48	

[1] δ scheint sich auf Mitte des Dpl. zu beziehen (α, und Z. 70, pr.)

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
80	70.18	7	44^m 8^s.09	18°24′28″.4	280°56′	
189	71.19	7.3	8.08	27.5	79 8	
230	99	7.0*	8.17	27.9	79 8	* schw. orge.
3	69.16	h.9	44 12.13 (½)	19 20 15.7 (½)	281 48	
81	70.18	9.1	12.09	13.8	281 52	
187	71.18	9.0	12.18	15.5	78 12	
69	70.11	s.9	44 19.18	16 44 26.4	80 46	
73	15	s.9‥9	19.32	24.8	279 22	
69	70.11	9	44 25.82	16 43 17.9	80 48	
73	15	9‥s.9	25.72	19.1	279 20	
2	69.15	7-8	44 28.97 (½)	19 29 10.8 (½)	281 56	
81	70.18	7.3	28.88	8.1	282 0	19° 1104 9^m.3
189	71.18	7.5	28.85	8.8	78 2	
69	70.11	9-10	44 29.12	16 47 6.4	80 44	
73	15	s.9	29.15	6.0	279 24	
78	70.16	8.9	44 49.69	15 35 6.9	278 6	
187	71.18	8.5	49.75	6.0	81 56	
74	70.15	6-7	44 59.09	19 50 0.6 (½)	282 20	
190	71.19	7	59.05 (½)	0.2 (½)	77 42	
74	70.15	h.8	45 0.83	19 6 54.6	281 38	
185	71.17	8.0	0.83	55.2	78 24	
74	70.15	8‥h.8	45 7.21	19 43 16.6 (½)	282 14	
185	71.17	7.7	7.33	17.4	77 48	
65	70.10	9	45 —	18 6 28.8	79 24	
67	11	s.9	—	25.8	79 24	
70	12	s.9	28.21	29.3	280 38	
189	71.19	8.9	28.31	28.9	79 26	
78	70.16	9.1	45 32.22	15 8 1.8	277 38	
187	71.18	9.2	32.26	2.7	82 24	15° 962 9^m.2, [963 s.9^m
65	70.10	9	45 —	18 7 26.1	79 24	
67	11	s.9	—	25.2	79 24	
70	12	h.9	44.74	23.9	280 38	
189	71.19	8.7	44.77	25.5	79 24	
80	70.18	8.4	45 47.37	18 55 7.8	281 26	Z. 3: s.8^m
186	71.18	8.4	47.52	6.8	78 36	
69	70.11	8-9	45 49.51	16 18 50.5	81 12	
73	15	h.8-9	49.56	50.0	278 56	
230	71.99	8.4	49.69	50.1	81 14	
3	69.16	s.8	45 53.08 (½)	18 56 24.2 (½)	281 24	
79	70.17	s.9	53.12	27.1	281 26	spl.
80	18	8.3	53.24	24.6	281 28	»
186	71.17	8.3	53.34	25.1	78 36	»
78	70.17	8-9	46 1.45	14 50 51.9	277 22	
189	71.19	8.8	1.48	51.0	82 42	
69	70.11	9	46 3.09	16 16 44.4	81 14	
73	15	h.9	3.04	43.6	278 54	
230	71.99	9.2	2.94	43.2	81 16	
65	70.10	h.8	46 —	18 8 20.3	79 22	
67	11	s.8	—	21.8	79 22	
70	12	h.8-9‥s.8	8.14	21.0	280 40	
189	71.19	8.2	8.06	21.3	79 24	
81	70.18	9.0	46 14.59	15 0 5.7	277 30	
187	71.18	9.0	14.58	5.2	82 32	
80	70.18	9.2	46 24.93	18 31 2.9	281 2	
188	71.18	9.3	24.91	1.7	79 0	
69	70.11	s.8-9	46 34.29	16 7 26.3	81 24	
73	15	s.8	34.23	26.5	278 44	
230	71.99	8.6	34.31	25.9	81 24	
78	70.16	9.0	46 52.65 (½)	15 4 52.5 (½)	277 36	
78	16	8.9	52.69 (½)	53.2 (1½)	277 36	(zufäll. wiederh.)
187	71.18	8.3	52.74	52.3	82 26	
188	18	8.6	52.59	53.5	82 26	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
69	70.11	h.9‥s.8-9	$46^m59^s.11$	16° 18′ 58″.7	81° 12′	
73	15	s.8‥h.8-9	59.04	59.7	278 56	
230	71.99	8.5 zfl.	59.14	57.9	81 12	
80	70.18	8.9	47 0.89	18 33 24.9	281 4	
188	71.18	9.1	0.87	24.7	78 58	
81	70.18	{ 8.5	47 1.20	18 52 22.0	281 22	} D. 6″ 160° ±
		{ 8.9	1.36	17.6	281 24	
186	71.18	{ 8.7	1.19	22.3	78 40	} Dpl. 5″ 140°
		{ 8.8	1.37	19.4	78 40	
81	70.18	8.4	47 19.04	18 27 21.9	280 58	
188	71.18	8.3	19.04	22.5	79 4	
69	70.11	s.9	47 25.60	16 23 7.8	81 8	
73	15	9‥8.9	25.60	7.9	279 0	
230	71.99	9.1	25.62	8.1	81 8	
78	70.16	8.2	47 27.12	15 28 52.2	278 0	
183	71.16	8.1	27.10	51.8 (½)	82 2	
2	69.15	h.7	47 32.87 (⅓)	19 43 27.2 (⅓)	282 10	
74	70.15	s.6	32.69	23.4 (½)	282 15	
190	71.19	6.6	32.65	23.0	77 48	
3	69.16	9	47 35.11 (½)	19 13 42.6 (½)	281 40	19° 1125 9^m;
74	70.15	s.9	35.11	41.5 (½)	281 45	9^m n. f.
184	71.16	9.6	35.07	42.1	78 18	
185	17	9.0	35.13	41.9	78 18	
82	70.18	8.8	47 35.43	18 13 44.0	280 44	
186	71.18	8.8	35.44	44.5	79 18	
82	70.18	8.5	47 36.14	19 34 44.1	282 6	
175	71.04	8.0 sic	36.13	41.5	282 6	
187	18	8.2	36.08	42.4 (½)	77 58	
65	70.10	h.8	47 —	17 22 33.5	80 8	
67	11	s.8‥h.8-9	—	34.1	80 8	
70	12	h.8-9‥s.8	42.12	32.6	279 54	
189	71.19	7.5	42.04	33.7	80 10	
81	70.18	8.5	47 45.89	19 39 42.4	282 10	
185	71.17	8.2	45.95	41.7	77 52	
175	71.04	8.8	48 26.49	20 5 29.3	282 36	
187	18	9.1	26.54	30.6	77 26	
74	70.15	s.8-9	48 29.15	19 22 21.5	281 54	
185	71.17	8.2 sic	29.13	21.5	78 10	
230	71.99	9.7	48 32.25	18 17 56.8	79 14	18° 1019 $9^m.3$
74	70.15	s.8-9	48 41.62 (½)	19 21 14.5	281 53	
185	71.17	8.0	41.65	14.4	78 10	
82	70.18	8.9	48 51.04	17 58 8.4	280 30	
188	71.18	8.3	50.90	8.3	79 34	
82	70.18	9.3	48 54.23	17 46 13.2	280 18	17° 1062 $9^m.3$
188	71.18	9.0	54.22	11.0	79 46	
80	70.18	8.0	48 57.47	18 3 7.9	280 34	
189	71.19	8.4	57.55	6.8	79 30	
2	69.15	9	49 13.03 (½)	19 43 16.8 (½)	282 10	
81	70.18	9.0	13.01	15.0	282 14	
185	71.17	9.0	13.03	14.6	77 48	
81	70.18	8.8	49 13.18	19 13 13.0	281 44	Z. 3: h.9^m
187	71.18	9.0	13.12	13.9	78 18	
3	69.16	s.9	49 16.58 (½)	19 13 39.8 (½)	281 40	
81	70.18	9.2	16.58 (½)	43.1	281 44	3 F.
187	71.18	9.2	16.74	42.2	78 18	
80	70.18	8.9	49 27.01	18 55 14.5	281 26	18° 1024 $9^m.1$
188	71.18	8.8	27.03	13.2	78 36	
78	70.17	9.2	49 27.82	15 46 26.1	278 18	
184	71.17	9.3	27.90	26.1	81 46	
175	71.04	8.4	49 29.05	15 56 59.2	278 28	15° 990 $9^m.2$
183	16	8.7	28.98	57 0.0	81 34	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
80	70.18	9.0	$49^m30^s.19$	18° 21′ 0″.5	280° 52′	
186	71.18	9.0	30.17	20 58.4 (½)	79 10	
175	71.04	8.5	49 32.30	15 59 46.8	278 32	
183	16	9.0	32.26	46.9	81 32	
69	70.11	h.8	49 37.48	16 20 5.2	81 10	
73	15	8	37.55	4.6	278 56	
1	69.15	—	49 38.39 (0.4)	18 21 18.8 (½)	280 54	letzt. F. −1′ corr.
5	17	9? W.	38.28 (0.3)	20.1 (½)	280 48	3 F.
80	70.18	9.0	38.38	22.6	280 52	
186	71.18	8.6	38.38	21.2	79 10	
180	71.09	8.0	49 39.47	15 3 38.2	277 36	
189	19	7.6	39.65	37.9	82 28	
81	70.18	8.3	49 46.05	19 11 49.4	281 42	
187	71.18	8.2	46.00	51.6	78 20	
74	70.15	9‥h.9	49 49.85	19 55 39.5	282 28	
188	71.18	9.0	49.82	40.6	77 36	
78	70.17	8.4	49 49.79	15 43 48.9	278 14	
184	71.17	8.5	49.95	48.7	81 48	
69	70.11	9	49 52.50 (½)	16 59 28.3 (½)	80 32	
73	15	h.9‥s.8-9	52.49	27.7	279 36	
78	70.17	9.1	49 54.26	15 41 56.7	278 12	Z.184: $9^m.2$
65	70.10	s.9	49 —	17 7 53.1	80 24	
67	11	9	59.24	54.8	80 24	
76	16	9	59.17	55.7	279 38	
189	19	9.1	59.14	55.9	80 24	
180	71.09	9.0	50 2.82	15 10 35.8	277 42	
190	19	8.9	2.86	35.0	82 20	
181	71.12	9.0	50 4.68	16 21 41.2	278 54	
188	18	9.1	4.66	40.2	81 10	
180	71.09	9.0	50 5.05	15 46 3.7	278 18	15° 998 $9^m.4$
184	17	9.1	5.10	4.4	81 46	
65	70.10	9	50 —	17 33 46.8	79 58	
67	11	9	16.94	46.7 (½)	79 58	
76	16	h.9	16.96	46.3	280 4	
189	71.19	8.9	16.97	46.7	79 58	
80	70.18	8.7	50 22.37	18 56 32.3	281 28	
186	71.18	8.2	22.43	32.9	78 36	
230	99	8.4	22.35	33.1	78 36	
65	70.10	s.9-10	50 —	17 33 57.5: (½)	79 58	
67	11	s.9	29.24	57.8	79 56	
76	16	s.9	29.23	34 0.8	280 4	
82	70.18	—	50 30.54	14 55 3.7	277 26	
175	71.04	8.8	30.62	2.7	277 26	
184	17	9.1	30.81	3.6	82 36	
187	18	9.0	30.70	3.4	82 36	
190	19	9.0	30.57	3.2	82 36	
82	70.18	. . .*	50 33.19	14 54 15.0	277 24	* W., k. sichtb.
175	71.04	8.9	33.40	14.0	277 26	Z. 184: $9^m.1$
187	18	9.2	33.32	14.8	82 38	» 190: 9.1
82	70.18	—	50 44.03	14 56 56.1	277 28	
175	71.04	8.9	44.06	55.2 (½)	277 28	Z.184: $9^m.1$
187	18	9.0	44.10 (½)	56.0	82 36	3 F.
190	19	9.0	44.01	54.6	82 34	
180	71.09	9.2	50 46.66	15 38 44.7	278 10	
183	16	8.9	46.70	44.7	81 52	Bel. e. z. hell
2	69.15	9.3	50 51.41 (0.3)	19 41 4.9 (½)	282 8	3 F.
74	70.15	s.9	51.54	4.4	282 12	
185	71.17	9.2	51.73	5.7	77 50	
74	70.15	h.9-10	50 53.69 (½)	19 42 0.3	282 12	3 F.
185	71.17	9.3	53.57	41 59.6	77 50	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
69	70.11	9 .. h.9	$51^m\ 0^s.43$	16° 5′ 8″.3	81° 26′	
73	15	h.9 .. s.8-9	0.54	9.3	278 42	
78	70.16	9.0	51 6.90	15 48 39.5	278 20	
183	71.16	8.9	6.90	38.3	81 42	
181	71.12	9.3	51 17.18	16 23 6.5	278 56	
69	70.11	9 .. s.9	51 22.06	16 53 52.4	80 36	
73	15	9 .. s.9	22.16	52.2	279 30	
86	70.21	7 ±	51 26.20	16 34 57.3	279 6	
191	71.20	7	26.25	57.9	80 58	
5	69.17	7-8	51 33.80 (½)	18 48 23.2 (½)	*281 14	
79	70.17	h.8	33.65	22.9	281 20	
80	18	h.7	33.73	22.9	281 20	
189	71.19	7.5	33.70	23.0	78 44	
81	70.18	9.0	51 34.21	18 27 56.9	280 58	
189	71.19	9.1	34.25	56.4	79 4	
181	71.12	8.2	51 35.14 (½)	18 58 0.6	281 30	3 F.
186	18	8.4	35.14	2.2	78 34	
230	99	8.6	35.20	1.9	78 34	
3	69.16	9-10	51 35.22 (½)	19 32 33.5 (½)	282 0	
181	71.12	8.3	51 44.21	16 21 36.1	278 54	
190	19	8.9	44.23	36.6	81 10	
74	70.15	9	51 46.79	19 31 35.6	282 2	Z. 3: 9^m
185	71.17	8.9	46.86	36.2	78 0	
82	70.18	(9.3 W.)	51 46.87	14 59 50.8	277 30	
175	71.04	8.9	46.85	49.3 (½)	277 32	
187	18	9.0	46.95	49.2	82 32	
180	71.09	8.7 (☾)	51 46.93	20 9 17.6	282 40	
188	18	8.5	46.88	17.3	77 22	
80	70.18	8.9	51 47.09	18 47 53.6	281 18	
189	71.19	8.9	47.11	53.7	78 44	
180	71.09	9.4	51 50.07	15 58 56.0	278 30	
184	17	9.8	50.13	57.4	81 34	
187	18	9.3	50.08	55.6	81 32	
78	70.17	8.3	51 52.90	15 18 13.9	277 50	
184	71.17	8.3	52.90	13.6	82 14	
81	70.18	9.2	51 55.69	18 3 26.9	280 34	
190	71.19	9.3	55.66	26.8	79 28	
80	70.18	8.9	51 58.37	18 32 47.8	281 4	
186	71.18	8.6	58.40	48.4	79 0	
181	71.12	8.9	52 5.44	18 58 48.7	281 30	
189	19	9.2	5.31	49.8	78 32	
230	99	8.9	5.51	49.2	78 32	
181	71.12	8.5	52 5.56	19 46 0.9	282 18	
185	*17	8.3	5.43	0.6	77 46	
175	71.04	9.6	52 5.49	15 47 44.2	278 20	
65	70.10	s.8	52 —	17 48 16.6	79 42	
67	11	s.8	6.53	18.3	79 42	
76	16	s.8 .. h.8-9	6.49	19.0	280 18	
69	70.11	9	52 9.18	16 59 13.6	80 32	
73	15	9	9.13	13.1	279 36	
79	70.17	h.8-9	52 10.68	18 50 24.2	281 22	
186	71.17	7.7	10.69	22.7	78 42	
80	70.18	9.1	52 13.31	18 31 43.8	281 2	
186	71.18	9.0	13.35	44.0	79 0	
81	70.18*	9.3	52 14.43	19 54 2.9	282 24	
190	71.19	9.5	—	7.1: (½)	77 38	
230	99	9.2	14.70	4.2	77 38	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
81	70.18	9.0	$52^m\ 17^s.62$	19° 53′ 18″.7	282° 24′	
190	71.19	9.0	17.63	19.6	77 38	
191	20	9.2, 9.1*	17.59	18.1 (½)	77 38	* 2 unabh. Schätz.
230	99	9.0	17.52	20.1	77 38	
78	70.17	8.8	52 33.46	15 19 12.1 (½)	277 51	
184	71.17	9.0	33.44	11.7	82 12	
180	71.09	9.1 (☾)	52 37.31	20 3 47.6	282 36	
188	18	9.0	37.32	47.4	77 28	
2	69.15	h.8	52 44.97 (½)	19 58 50.5 (½)	282 26	
74	70.15	8	44.94 (½)	49.5 (½)	282 31	
191	*71.20	8	44.98	48.4	77 32	
230	99	h.8	44.90 (½)	48.5	77 32	3 F., eilig
78	70.16	8.8	52 47.42	15 35 58.7	278 8	
183	71.16	8.9	47.50	59.1	81 56	
180	71.09	9.0 (☾)	52 52.13	20 2 43.0	282 34	
188	18	8.6	52.09	42.4	77 30	
65	70.10	h.9	52 56.87	17 38 22.8 (2)	79 53	
76	16	s.8-9	56.85	24.6	280 10	
82	70.18	(9.3 W.)	52 58.30: (½)	16 16 35.8: (½)	278 48	3 F.
175	71.04	9.0	58.24	35.6	278 48	
187	18	9.2	58.35	34.9	81 14	
67	70.10	s.8-9	53 1.68	17 6 33.2 (½)	80 24	
76	16	s.9	1.61	32.9	279 38	
78	70.16	7.5	53 5.74	15 7 17.0	277 38	
183	71.16	7.9	5.71	17.1	82 24	
69	70.11	h.7-8	53 11.33	16 17 23.9	81 14	
73	15	7-8	11.25	25.0	278 54	
3	69.16	8	53 30.28 (½)	19 48 22.3 (½)	282 16	
74	70.15	s.8-9	30.32	21.4	282 20	
185	71.17	8.5	30.40	21.4	77 44	
190	19	8.8	30.48	21.8	77 44	
69	70.11	s.8:	53 32.15	16 48 51.2	80 42	s. unr.
73	15	s.8	32.12	50.7	279 26	
82	70.18	8.5	53 32.56	14 56 57.2	277 28	
184	71.17	8.0	32.51	55.3	82 34	
76	70.16	h.8-9	53 37.27	17 52 55.4	280 24	
188	71.18	8.0	37.29	54.8	79 40	
5	69.17	h.7-8	53 47.65 (0.3)	19 24 48.4 (½)	281 52	3 F.
86	70.21	7.8	47.57	46.4	281 56	
185	71.17	7.5:	47.60	48.7	78 8	
180	71.09	8.6	53 49.46	16 29 2.1	279 0	
187	18	8.8	49.52	0.5	81 2	
69	70.11	h.8	53 50.58	16 59 4.0	80 32	
73	15	8	50.53	3.4	279 36	
80	70.18	9.0	53 52.02	18 13 37.9	280 44	
186	71.18	8.8	52.07	37.1	79 18	18° 1057 $9^m.2$
81	70.18	9.1	53 56.16	19 52 47.6	282 24	
185	71.17	9.1	56.21	47.5	77 40	
230	99	9.1	56.25	47.2	77 38	
82	70.18	9.3:	53 58.29	16 40 9.3	279 12	
175	71.04	8.6	58.34	6.7 (½)	279 12	
188	18	9.3	58.29	7.4	80 52	
86	70.21	h.7-8	53 59.45	18 57 16.5	281 28	
189	71.19	7.8	59.49	18.2	78 34	
80	70.18	9.3	54 0.41 (½)	18 14 2.4	280 44	2 F.
81	70.18	9.1	54 1.56	19 22 34.0	281 54	
185	71.17	9.0	1.65	34.1	78 10	
69	70.11	h.8	54 24.95	16 55 41.6	80 34	s. unr.
73	15	. . .*	24.77	42.4	279 32	* h.8 .. s.7-8:

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5h			
78	70.17	9.0	54m 26s.04	16° 7' 10".2	278° 38'	
184	71.17	9.1	26.06	9.1	81 24	
78	70.17	9.3	54 27.82	16 6 47.5	278 38	
184	71.17	9.6	27.91	47.2	81 24	
76	70.16	s.8-9*	54 32.87	17 25 16.8	279 56	* W.?
189	71.19	8.6	32.90	15.6 (½)	80 6	
84	70.20	9	54 —	16 33 41.9	279 4	
175	71.04	8.5	43.41	41.5	279 6	
187	18	8.9	43.45	42.8	80 58	16° 974 9m.0
2	69.15	9	54 48.42 (½)	19 16 7.9 (½)	281 42	kaum sichtb.
74	70.15	8-9	48.43	8.8 (½)	281 47	
188	71.18	8.9	48.46	8.2	78 16	
82	70.18	9.1:	54 52.35	16 40 43.9	279 12	
175	71.04	8.3	52.24	42.2	279 12	
187	18	8.5	52.28	43.5	80 52	
78	70.16	8.2	54 53.25	15 12 7.5	277 44	
183	71.16	8.4	53.25	7.3	82 28	
80	70.18	9.1	55 1.49	18 4 36.1	280 30	
186	71.18	8.9	1.57	36.0	79 20	
80	70.18	8.7:	55 2.00	18 1 12.8	280 32	
186	71.18	8.6	1.97	14.2	79 30	
180	71.09	8.6	55 5.43	14 52 45.8 (½)	277 24	
183	16	8.9	5.54	45.4	82 38	
3	69.16	s.8	55 15.40 (½)	19 55 53.1 (½)	282 22	19° 1180 8-9m
74	70.15	s.8-9	15.45	54.0	282 26	
185	71.17	8.8	15.46	54.6	77 36	19° 1180 9m.3
1	69.15	—	55 20.72 (½)	18 33 9.0 (½)	281 6	
175	71.04	8.2	20.75	5.9	281 4	
189	19	8.1	20.70	6.5	78 58	
76	70.16	s.9	55 34.27	17 4 24.9	279 34	
76	70.16	s.8	55 39.86	17 39 48.8	280 10	
190	71.19	7.8	39.94	48.6	79 52	
80	70.18	8.1	55 40.41	18 0 21.3	280 32	
186	71.18	8.2	40.45	22.4	79 32	
81	70.18	9.0	55 45.86	19 22 54.7	281 54	
185	71.17	9.1	45.93	53.0	78 10	
69	70.11	h.8-9	55 59.67 (½)	16 55 14.8 (½)	80 36	
73	15	h.8-9	59.80	15.3	279 32	
230	71.99	8.0	59.78	15.9	80 36	
76	70.16	9	56 2.34	17 3 29.7	279 34	
187	71.18	9.3	2.32	29.3	80 28	
74	70.15	h.6	56 3.40	19 41 25.0	282 12	
190	71.19	5.5	3.40	24.6	77 50	
81	70.19	8.2	56 9.50	18 10 58.5	280 42	
189	71.19	8.0	9.42	58.6 (½)	79 20	
82	70.18	9.3	56 25.21	16 59 26.9	279 30	17° 1107 9m.5
175	71.04	9.0	25.24	26.5	279 30	» 9.3
188	18	9.2	25.22	26.5	80 32	
80	70.18	8.3	56 28.91	18 15 55.4	280 46	
180	71.09	8:	28.95	55.8 (½)	280 48	9m kleb. 165° ?
186	18	8.1	28.93	55.9	79 16	Dpl. 5" 160° [1]
80	70.18	9.1	56 29.06	18 15 53.0	280 46	
186	71.18	9.2	29.03	54.2	79 16	
86	70.21	5±	56 29.73	20 8 21.1	282 40	
190	71.19	5.0	29.88	22.1	77 22	
76	70.16	7-8	56 33.54	17 7 40.6	279 38	
187	71.18	7.2	33.57	41.8	80 24	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5h			
69	70.11	[illegible]	56m 35s.10	16° 43' 57".7	80° 48'	
82	18	[illegible]	35.16	59.7	279 14	
84	20	—	35.21	44 0.6	279 14	
230	71.99	[s.8±]	35.09	43 58.1	80 48	
86	70.21	s.8-9	56 44.34 (½)	14 57 55.9 (½)	277 30	3 F.
183	71.16	8.4	44.28	53.9	82 34	
184	17	8.2	44.24	54.3	82 34	Bem. [2]
2	69.15	9.2	56 44.77 (½)	19 15 5.6 (½)	281 42	kaum sicht.
74	70.15	s.8-9	44.72	7.5	281 46	
185	71.17	8.8	44.75	7.8	78 16	
76	70.16	9	56 57.06	17 17 20.6	279 48	
188	71.18	9.0	56.94	21.3	80 14	
3	69.16	s.8	57 0.96 (½)	18 41 46.2 (½)	281 8	
80	70.18	8.0	0.89	—	281 —	18° 1075 9m.2
175	71.04	8.0	0.90	44.8	281 14	9.1
189	19	8.2	1.03	46.6 (½)	78 50	
81	70.18	8.7	57 24.84 (½)	17 47 18.1	280 18	
187	71.18	8.7	24.78	16.9	79 44	
78	70.16	9.2	57 26.77	15 13 11.4	277 41	
183	71.16	9.2	26.81	9.7	82 18	
184	17	9.5	26.79	10.3	82 18	
78	70.16	9.6	57 30.64	15 49 13.7	278 20	
183	71.16	8.9	30.58	14.2	81 42	
76	70.16	[illegible]	57 35.77	17 38 30.6	280 10	? s.9 h.9-10
188	71.18	9.2	35.67 (½)	31.0	79 54	
68	70.11	s.8-9	57 36.47	16 20 34.9	81 10	
73	15	h.9	36.47 (½)	33.4	278 58	
69	70.11	8.9	57 39.96	16 39 51.0	80 52	s. unr.
82	18	8.0	39.88	50.1	279 10	
82	70.18	8.5±	57 39.49	18 18 57.0	280 50	9m 2' N v
186	71.18	9.0	39.59	56.8	79 12	
1	69.15	—	57 52.95 (½)	18 45 3.8 (½)	281 18	kaum sichtb.
80	70.18	9.0	52.90	4.0	281 16	
187	71.18	9.0	52.89	5.4	78 46	
175	71.04	8.5	57 55.36	20 8 12.8	282 40	
185	17	8.8	55.50 (½)	14.2	77 22	
68	70.11	[illegible]	57 58.52	16 14 12.2	81 16	
73	15	s.8-9	58.57	12.4	278 52	
78	70.16	9.0	57 59.02	15 22 46.3	277 54	
183	71.16	9.0	58.91	45.8	82 8	15° 1053 9m.5
84	70.20	—	58 0.58	15 27 16.5	277 58	
184	71.17	7.5	0.59	14.8	82 4	
81	70.18	8.9	58 7.13	18 4 55.5	280 36	Fäd. st. schl.
186	71.18	8.5	7.28	55.4	79 26	
74	70.15	h.9-10	58 11.40	19 22 45.4	281 54	
84	70.20	8	58 12.62	15 11 48.0	277 42	
184	71.17	8.0	12.69	47.4	82 20	
74	70.15	9	58 16.72	19 14 45.4	281 46	
68	70.11	h.8-9..s.8	58 20.17	16 33 9.5	80 58	
73	15	s.8..h.8-9	20.25	8.5	279 10	
230	71.99	8.0	20.20	7.9	80 58	
78	70.16	8.8	58 20.25	15 25 18.2	277 56	
183	71.16	9.1	20.20	18.0	82 6	
68	70.11	9	58 38.38	16 36 9.0	80 54	
73	15	h.9	38.32 (½)	9.7	279 12	1 F.
180	71.09	9.0	38.51	10.3	279 8	
230	99	9.0	38.44	8.7	80 50	
74	70.15	h.9-10	58 46.59	19 20 56.2	281 52	

[1] Mit dem folgenden.

[2] 14° 1151: Z. 186 s.9m, Z. 187 9m.0

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			5^h			
2	69.15	h. 8-9	59^m $1^s.16$ (½)	19° 14′ 56″.8:(½)	281° 42′	
187	71.18	8.2	1.22	57.8	78 16	
3	69.16	s. 9	59 7.19 (½)	19 23 6.2 (½)	281 50	
175	71.04	9.2	7.18	7.7	281 54	
185	17	9.5	7.15	7.8	78 8	
80	70.18	8.3	59 7.93	18 32 40.6	281 4	
186	71.18	8.5	7.99	40.6	78 58	$9^m.3$ f. 3ˢ 0′.1 N.
175	71.04	8.6	59 17.02	20 6 51.3	282 38	
185	17	9.0	17.05 (½)	51.6	77 24	
69	70.11	s. 8-9	59 17.46	16 50 17.3	80 40	
81	18	8.8	17.48	19.2	279 22	
87	70.21	s. 7 ±	59 31.02	15 33 18.7	278 4	
183	71.16	7.2	30.88	18.1 (½)	81 58	
175	71.04	9.2	59 31.86	19 23 3.3 (½)	281 54	
185	17	9.4	31.82	5.1	78 8	
74	70.15	h. 8-9 ·· s. 8	59 33.00	19 28 20.0	282 0	
185	71.17	8.5	33.05	22.3	78 4	
82	70.18	s. 9	59 41.76	15 46 17.7	278 18	
184	71.17	9.1	41.83	17.5	81 46	
69	70.11	h. 7-8	59 42.57	16 22 36.3 (½)	81 8	
180	71.09	7.0	42.60	39.0 (½)	278 54	
86	70.21	8-9	59 43.58	16 11 17.9	278 42	
189	71.19	8.1	43.66	16.9	81 20	
81	70.18	7.3	59 54.72	16 34 10.7	279 6	
190	71.19	8 *	54.80	10.1	80 58	* zfl. u. unr.
191	20	7.5	54.70	11.2	80 56	
76	70.16	s. 8-9	59 58.21	17 30 0.5	280 2	17° 1128 9-10^m
188	71.18	8.8	58.19	0.9	80 2	» $9^m.2$
186	71.18	9.3	59 58.26	18 50 8.9	78 40	
80	70.18	7.8	59 59.09	18 48 20.2	281 20	
186	71.18	8.0	59.05	19.3	78 42	
			6^h			
81	70.18	9.1	0^m $3^s.34$	16° 46′ 48″.4	279 22	
189	71.19	9.3	3.41	46.9	80 44	
77	70.16	s. 8	0 3.54 (½)	16 43 50.6	279 16	3 F. Z. 81: $8^m.5$
189	71.19	8.1	3.46	50.3	80 48	
80	70.18	7.9	0 17.57	18 55 35.3	281 26	
190	71.19	8 *	17.55	36.3	78 36	* zfl. u. unr.
191	20	8.0	17.61 (½)	36.2 (½)	78 36	
82	70.18	s. 8-9	0 22.24	15 36 48.8	278 8	
84	20	h. 9	22.20 (½)	48.9 (½)	278 8	
183	71.16	8.7	22.24	48.5	81 54	
81	70.18	7.3	0 37.90	18 24 56.6	280 56	
190	71.19	8 *	38.03	56.8	79 6	* zfl. u. unr.
192	20	7.8	37.90	56.6	79 6	
180	71.09	9.0 (☾)	0 41.57	18 41 0.0	281 12	
188	18	8.8	41.51	0.4	78 50	
81	70.18	9.4	0 57.90 (½)	17 51 39.3	280 24	3 F. Z. 187: $9^m.1$
81	70.18	9.1	0 59.68	17 52 36.6	280 24	
187	71.18	8.8	59.68	38.0	79 40	
2	69.15	9	1 8.75 (½)	19 28 35.5 (½)	281 56	δ zu nördl.?
74	70.15	s. 8-9	8.67	32.9 (½)	282 1	
185	71.17	8.6	8.67	34.0	78 4	
78	70.17	9.1	1 8.95	15 44 32.2	278 16	
184	71.17	8.9	9.10	32.2	81 46	
76	70.16	h. 8-9	1 10.00	17 26 20.8	279 58	
187	71.18	8.6	10.02	21.4	80 6	
77	70.16	s. 9	1 10.54 (½)	16 8 46.2 (½)	278 40	etw. uns.
175	71.04	9.2	10.70	45.6	278 40	
188	18	9.2	10.62	45.5	81 22	
			6^h			
68	70.11	8-9	1^m $11^s.64$	16° 5′ 18″.2	81° 26′	
73	15	s. 8-9 ·· h.	11.64	18.8	278 42	Z. 188: $8^m.5$
78	70.16	8.9	1 23.55	15 48 50.0	278 20	
183	71.16	9.1	23.52	49.7 (½)	81 44	
230	99	9.1	23.47	51.1	81 42	
80	70.18	9.2	1 25.24	19 5 0.7	281 36	
185	71.17	9.2	25.39	0.7	78 26	
76	70.16	s. 8-9	1 28.03	17 25 5.4	279 56	
187	71.18	8.5	28.04	5.6	80 6	spl.
84	70.20	s. 9	1 31.24	15 12 45.2	277 44	
184	71.17	8.5	31.20	45.3	82 18	
180	71.09	9.2	1 31.90	19 12 24.6	281 44	
185	17	9.0	31.94	25.1	78 20	
181	71.12	8.6	1 44.83	15 43 18.5	278 16	
183	16	8.7	44.79	16.8	81 48	
180	71.09	8.8 (☾)	1 48.43	19 46 33.3	282 18	
189	19	9.2	48.55	31.5 (½)	77 46	
185	71.17	8.9	1 51.08	19 11 38.3	78 20	
74	70.15	s. 9 ·· h. 8-9	2 5.07	19 14 54.1	281 46	
185	71.17	8.0	5.12	54.7	78 16	
81	70.18	8.7	2 9.10	17 51 3.6	280 22	
186	71.18	8.2	9.23	4.3	79 40	
181	71.12	8.5	2 9.46	17 12 4.7 (½)	279 44	
190	19	wie h. 9 *	9.53	4.5	80 20	* zfl.
192	20	8.8	9.45	4.2	80 20	
86	70.21	(9)	2 12.00	16 41 [3.8 ::]	279 12	k.s. Hgl. —$^s.073$
175	71.04	8.7	12.06	7.5	279 12	
187	18	9.1	11.98	9.9	80 50	
230	99	9.2	11.99	8.8	80 50	
181	71.12	9.2	2 17.24	16 59 28.5	279 32	
188	18	9.3	17.35	28.1	80 32	
185	71.17	9.2	2 20.32 (½)	19 7 —	78 —	1 F.
77	70.16	h. 9 ·· s. 8-9	2 30.91	16 30 49.4	279 2	
190	71.19	9 zfl.	30.97	48.3	81 2	
191	20	8.8	30.81	47.6	81 0	
84	70.20	s. s. 9	2 31.42	16 26 13.3	278 58	
175	71.04	9.0	31.51	12.8	278 58	
187	18	9.2	31.27	12.8	81 6	
180	71.09	8.0	2 35.72	19 41 43.2	282 14	
192	20	8.0	35.66	42.8 (½)	77 50	
76	70.16	h. 8-9 ·· s. 8	2 40.98	17 57 41.5	280 28	
190	71.19	8.5	41.11	40.8	79 34	
87	70.21	8-9 *	2 45.21	14 52 19.5	277 24	* äuss. schw. [1]
191	71.20	8.0	45.20	20.6 (½)	82 40	
84	70.20	s. s. 9	2 46.61	15 20 59.0	277 52	
86	21	8-9	46.49	57.8	277 52	
184	71.17	8.4	46.56	58.2	82 10	
68	70.11	s. 9	2 47.54	16 46 34.9	80 44	schw. u. unr.
73	15	s. 9	47.50	34.4	279 24	2 ** ??
230	71.99	9.2	47.52	34.5	80 46	
2	69.15	8-9	2 48.95 (0.3)	19 7 52.8 (½)	281 34	3 F. [2]
74	70.15	h. 9 ·· s. 8-9	49.02	50.4	281 40	
185	71.17	8.6	49.00	51.8	78 24	
76	70.16	8-9	2 50.11	17 44 6.7	280 14	
186	71.18	8.5	50.16	7.0	79 48	
77	70.16	9	2 51.50	16 27 47.5	278 58	
187	71.18	9.1	51.42	48.3	81 4	

[1] Bei ⊙-Untergang; Beob. sicher. Hgl. —$^s.089$ ang. [2] Beob. gibt δ 34″.6; ang. dass Mikr.-Abl. 40″.4 verbessert werden muss 49″.6

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
68	70.11	h.9	$2^m52^s.90$	16° 46′ 46″.0	80° 44′	schw. u. unr.[1]
73	15	8-9	52.88	47.6	279 24	
230	71.99	9.0	53.05	48.1	80 46	
175	71.04	7.4 s.zfl.	3 3.73	15 55 39.1	278 28	
192	20	7.5	3.73 (½)	40.1 (½)	81 36	
78	70.17	8.9	3 6.50	15 48 55.7	278 20	
184	71.17	8.7	6.46	54.5	81 42	
78	70.17	9.0	3 11.71	15 46 5.2	278 18	
184	71.17	8.8	11.71	6.7	81 46	
76	70.16	8-9	3 14.40	17 42 56.3	280 14	
186	71.18	8.3	14.36	57.1	79 48	
82	70.18	8.5 ±	3 15.82	15 6 12.9	277 38	
183	71.16	8.2	15.81	13.0	82 26	
1	69.15	—	3 21.88 (½)	18 43 26.4 (½)	281 16	
80	70.18	8.2	21.95	27.4	281 14	
191	71.20	8.5	21.83	27.8	78 48	
77	70.16	9	3 32.34	16 52 9.9	279 22	
188	71.18	9.1	32.23	9.0	80 40	
74	70.15	h.9‥s.8-9	3 41.51	19 6 55.5	281 38	
185	71.17	8.7	41.58	56.6	78 24	
80	70.18	6.4	3 42.89	18 9 11.3	280 40	
191	71.20	7	42.87	11.0 (½)	79 22	Z.190: 6^m
81	70.18	9.0	3 43.78	19 14 47.4	281 46	
190	71.19	8.8	43.87	47.6	78 18	
80	70.18	8-9	3 47.79	18 12 22.7	280 44	
190	71.19	8.9	47.84	20.7	79 20	Z.191: $8^m.5$
180	71.09	8.7	3 48.00	17 17 53.3	279 50	
190	19	8.9	48.05	51.4	80 14	
84	70.20	h.8-9	3 50.94	15 51 33.4	278 22	
184	71.17	8.8	50.97	34.1	81 40	
175	71.04	9.1	3 55.64	16 16 54.7	278 48	
187	18	9.1	55.48	56.1	81 14	
82	70.18	8‥8.5±	4 2.51	15 35 7.2	278 6	
183	71.16	8.0	2.44	7.8	81 56	
230	99	8.0	2.46	7.7	81 56	15°1096 $9^m.2$
189	71.19	9.4	4 4.35	19 43 24.3	77 48	
80	70.18	8.9	4 7.78	18 16 22.3	280 48	
186	71.18	9.0	7.73	21.5	79 16	
84	70.20	s.9	4 15.68	15 47 10.2	278 18	
68	70.11	8-9	4 18.09 (½)	16 24 3.3 (½)	81 7	
73	15	h.9‥s.8-9	18.10	2.8	279 0	
77	16	8-9	18.16	3.9 (½)	278 55	
81	70.18	{ 8.3	4 22.58	17 24 9.4	279 56	} Dpl. 4″ 150°
		{ 9.2	22.69	7.7	279 56	
188	71.18	{ 7.8	22.63	10.9	80 8	} » 2″.5 160
		{ 9.0	22.65	8.5	80 8	
81	70.18	9.2	4 25.37	17 25 14.7	279 56	
188	71.18	9.1	25.39	14.8	80 6	
181	71.12	8.5	4 25.53	15 18 36.1	277 50	
184	17	8.8	25.43	36.1	82 14	
2	69.15	h.6	4 37.00 (½)	19 48 59.2 (½)	282 16	
72	70.15	7:	37.10 (½)	58.3 (½)	282 22	
186	71.18	6.5	37.11	58.1	77 42	19°1252 9^m
3	69.16	8	4 39.68 (½)	19 32 35.3 (½)	282 0	
81	70.18	8.3	39.60	35.1	282 4	
185	71.17	8.0	39.62	33.7	77 58	
78	70.16	8.2	4 41.05	15 21 50.4	277 54	
183	71.16	8.7	41.06	49.7 (½)	82 10	

[1] Hgl. $-^s.003$ ang.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
76	70.16	8-9‥s.8-9	$4^m41^s.05$	17° 47′ 36″.2	280° 18′	
189	71.19	8.3	41.14	35.3	79 44	
74	70.15	s.9	4 48.84	19 27 25.9	281 58	
185	71.17	9.2	48.84	26.0	78 4	
76	70.16	s.8-9‥h.9	4 49.17	17 47 1.3	280 18	
189	71.19	8.4	49.10	1.5	79 44	
68	70.11	6	4 50.83	16 9 25.5	81 22	Bem.[2]
73	15	h.6-7	50.81	24.3 (½)	278 46	
180	71.09	9.2	5 0.10	15 36 43.5	278 8	
184	17	9.1	0.20	43.0	81 56	
230	99	9.1	0.16	43.5	81 54	
78	70.16	8.7*	5 17.65	15 22 41.8	277 54	* (8.2?)
183	71.16	8.7	17.59	41.8	82 8	
181	71.12	8.1	5 33.27	20 5 58.4	282 38	
187	18	8.3	33.21	58.0	77 26	
78	70.16	8.7	5 35.31 (½)	15 22 6.2 (½)	277 54	
183	71.16	9.0	35.28	6.1	82 8	
230	99	8.8	35.32	4.4	82 10	
72	70.15	schw.	5 36.87	19 50 45.4	282 24	Hgl. $-^s.058$ ang.
186	71.17	8.5	36.69	45.1	77 40	
76	70.16	s.8-9	5 45.16	17 4 32.5	279 36	
187	71.18	8.8	45.11	32.4	80 28	
74	70.15	9‥s.9	5 48.40	19 27 59.8	281 58	
185	71.17	9.1	48.47	58.4	78 4	
3	69.16	h.8	5 49.15 (0.4)	19 2 18.8 (½)	281 30	
80	70.18	7.3	49.20	20.1	281 34	
190	71.19	7.4	49.25	.19.2	78 30	
175	71.04	9.0	5 51.57	14 58 12.8	277 30	
187	18	9.3	51.36	12.5	82 34	
82	70.18	—	6 [8.85::]	15 46 [3.9::]	278 18	
84	20	h.9	8.82	2.2	278 18	
184	71.17	9.1	8.94	3.8	81 46	
230	99	9.1	8.90	2.5	81 46	
80	70.18	6.8	6 12.59	18 42 38.8	281 14	
192	71.20	7.0	12.57	39.3 (½)	78 48	
2	69.15	7-8	6 21.52 (½)	19 21 50.6 (½)	281 48	
181	71.12	7.7	21.42	51.7 (½)	281 54	
186	18	8.0	21.36	50.7	78 10	
1	69.15	—	6 24.94 (½)	18 25 51.0 (½)	280 58	δ s. schwierig
181	71.12	9.1	25.00	56.3	280 58	
189	19	9.0	24.91	54.3	79 6	
175	71.04	9.1	6 28.48	14 54 40.2 (½)	277 26	
183	16	9.4	28.28	41.5	82 36	sicher
84	70.20	s.9	6 29.70	14 59 28.3	277 30	
184	71.17	9.2	29.69	28.6	82 32	
78	70.17	8.4	6 38.61	15 6 45.1	277 38	
190	71.19	8.4	38.61	45.3	82 26	
180	71.09	9.1	6 40.18	17 34 3.1	280 6	
188	18	8.7	40.25	3.6	79 58	
77	70.16	h.9	6 40.50	16 32 57.3	279 4	
189	71.19	8.9	40.55	57.9	80 58	
81	70.18	9.2	6 41.06	17 12 53.9	279 44	
189	71.19	9.1	41.16	54.8	80 18	17°1176 $9^m.3$
81	70.18	9.1	6 41.99	19 39 21.1	282 10	
185	71.17	8.9	42.05	20.0	77 52	
74	70.15	h.8-9‥s.8	6 44.58	19 30 1.6	282 0	
185	71.17	8.2	44.70	29 59.0	78 2	
192	71.20	9.0	6 48.09	17 25 6.0	80 6	

[2] Unruhig: dpl. 1″.5 210° ± ?

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^{h}			
18	70.11	9–s.9	$6^{m}53^{s}.40$	16° 39′ 28″.9	80° 52′	
73	15	s.9	53.38	28.8	279 10	
180	71.09	9.4	6 54.38	17 19 33.2	279 52	
181	12	9.0	54.38	35.3	279 52	
188	18	9.2	54.40	35.2	80 12	
76	70.16	8-9..s.8-9	6 55.31	17 8 0.0	279 40	
188	71.18	8.5	55.40	7 59.8	80 24	
76	70.16	6-7	7 10.52 (½)	17 56 22.3 (½)	280 28	
192	71.20	6.5	10.40	22.6	79 36	
82	70.18	s.8	7 18.32 (½)	15 19 35.2 (½)	277 51	
183	71.16	8.2	18.35	36.0	82 12	
86	70.21	8-9	7 19.18	17 27 4.5	279 58	
191	71.20	8.6	19.26	4.7	80 4	Z.190: 8ᵐ
3	69.16	h.9	7 20.29 (½)	19 19 6.6 (½)	*281 40	* corr. aus 10″.6
181	71.12	8.1	20.48	8.4	281 52	19° 1268 8ᵐ.5
185	17	8.8	20.37	8.0	78 12	9.0
190	71.19	9.1	7 22.11	17 28 32.0	80 4	Z.191: 8ᵐ.9[1]
175	71.04	5	7 29.60	19 11 48.3	281 44	
192	20	6.0	29.55	49.8	78 20	
77	70.16	7	7 31.10	16 4 12.6	278 30	
192	71.20	7.5	31.13	12.1	81 28	
77	70.16	9	7 36.08	16 44 53.0 (½)	279 16	
188	71.18	8.6	36.13	53.0	80 46	
175	71.04	9.1	7 39.85	14 57 54.8 (½)	277 30	
184	17	9.1	39.74	54.8	82 34	
86	70.21	8-9	7 43.38	16 51 17.2	279 22	Z.188: 8ᵐ.5
189	71.19	8.5	43.38	16.8	80 40	16° 1054 9ᵐ.1
77	70.16	h.8-9	7 43.50	16 46 53.4	279 18	
188	71.18	8.0	43.58	53.0	80 44	16° 1054 9ᵐ.2
84	70.20	h.9	7 47.19	15 39 6.2	278 10	
183	71.16	9.0	47.30	4.6	81 52	
81	70.18	8.4	7 49.91	16 40 8.8 (½)	279 11	
190	71.19	8.0	49.88	7.6	80 52	
2	69.15	9	8 5.83 (½)	19 33 30.5 (½)	282 0	
74	70.15	s.8-9	5.83	33.0	282 4	
185	71.17	9.0	5.80	31.1	77 58	
77	70.16	s.7–h.7-8	8 8.45	16 28 2.5 (½)	278 59	16 1062 9ᵐ
187	71.18	7.3	8.48	2.1	81 4	
81	70.18	8.9	8 10.24	17 47 11.0	280 18	
186	71.18	8.6	10.31	10.2	79 44	
175	71.04	4.5	8 12.60 (½)	16 10 45.6 (½)	278 42	
192	20	6.5	12.57	46.7 (½)	81 20	
68	70.11	9	8 20.74	16 16 34.8 (½)	81 14	
73	15	9	20.69	35.3	278 54	
82	70.18	wie s.9	8 21.75	15 51 10.5	278 22	
84	20	h.9	21.75	9.0	278 22	
189	71.19	9.0	21.72	9.4	81 40	
182	71.12	(8.5)*	8 22.26 (½)	18 20 4.1 (½)	280 52	* fast trübe
191	20	7.3	22.20	4.3 (½)	79 12	
181	71.12	8.5	8 27.43	15 25 9.5	277 58	
184	17	9.1	27.50	10.3	82 6	
180	71.09	9.3	8 46.64	16 0 13.9 (½)	278 32	2 ** 9ᵐ.3 n.f.
189	19	9.0	46.54	14.4	81 32	
3	69.16	7-8	8 47.69 (½)	19 5 34.0 (½)	*281 32	
87	70.21	8	47.55 (½)	34.1 (½)	281 32	
185	71.17	8.0	47.50	35.2	78 26	
74	70.15	s.8	8 53.65	19 38 27.3	282 10	
185	71.17	9.0	53.53	28.5	77 54	

[1] 17° 1179 (oder * zwischen 1179 u. 1184?) Z. 190 9ᵐ.2, 191 9ᵐ.2

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^{h}			
77	70.16	s.9	$9^{m}0^{s}.65$	16° 9′ 34″.5	278° 40′	
187	71.18	9.5	0.53	33.4	81 22	sicher
86	70.21	h.8	9 0.80	18 11 42.1 (½)	280 42	
190	71.19	8.1	0.77	41.3 (½)	79 20	
84	70.20	h.8-9	9 2.60	15 32 9.9	278 4	
183	71.16	8.9	2.63	10.4	82 0	
80	70.18	8.7	9 2.66	18 50 41.9	281 22	
186	71.18	8.6	2.64	42.6	78 40	
76	70.16	9	9 5.02	17 58 27.0	280 30	
188	71.18	8.6	5.14	25.7	79 32	
76	70.16	7	9 8.04 (½)	17 13 15.3 (½)	279 44	
190	19	6.8*	8.02	15.7	80 18	* röthlich
74	70.15	s.7-8	9 9.93	19 3 0.2	281 34	
185	71.17	7.8	9.84	2 59.8	78 28	
230	99	7.5	9.91	59.6	78 28	
80	70.18	9.1	9 21.73	18 54 19.0 (½)	281 20	
186	71.18	9.2	21.62	18.3	78 36	
81	70.18	9.0	9 27.11	15 50 27.3	278 22	
184	71.17	8.8	27.10 (½)	28.8 (½)	81 42	
76	70.16	9	9 37.11	17 28 47.3	280 0	
187	71.18	8.9	37.03	47.0	80 4	
84	70.20	9	9 39.58	15 36	278 —	
183	71.16	9.0	39.60	18.9	81 56	
1	69.15	—	9 47.57 (½)	18 25 11.4 (½)	280 58	
86	70.21	h.8	47.55	10.7	280 56	
188	71.18	8.3	47.60	10.8	79 6	
80	70.18	7.1	9 48.10	18 57 21.4	281 28	
186	71.18	7.3	48.06	22.5	78 34	
230	99	7.5	48.11	21.5	78 34	
80	70.18	8.0	9 53.49	18 43 27.4 (½)	281 14	
189	71.19	8.0	53.52	28.8	78 18	
81	70.18	8.2	9 54.85	15 53 31.0	278 24	s. unr.
183	71.16	7.8	54.75 (½)	30.0 (½)	81 38	
2	69.15	7	10 27.77 (½)	19 30 3.7 (½)	*281 56	
74	70.15	h.8	27.80	2.3	282 2	
185	71.17	7.6	27.75	2.6 (½)	78 2	
76	70.16	9–s.9	10 40.19	17 41 0.3	280 12	
187	71.18	9.0	40.26	1.1	79 52	Bel. e. z. hell
230	99	9.0	40.24	0.1	79 50	
81	70.18	9.1	10 45.49	15 45 28.4	278 16	
183	71.16	8.5	45.56	27.5 (½)	81 46	
76	70.16	8-9	10 50.75	17 10 9.2	279 42	
188	71.18	8.5	50.77	9.4	80 22	
68	70.11	9	10 56.22	16 48 33.8	80 42	
73	15	—*	56.18	33.8	279 26	* s.9–h.9-10
68	70.11	8.9	10 59.05	15 59 51.0	81 30	
73	15	8.9	59.07	49.8	278 36	
77	70.16	s.7–h.8-9	11 9.34	16 45 20.0	279 16	
189	71.19	8.0	9.37	19.7	80 40	
3	69.16	h.8-9	11 9.38 (½)	19 37 3.2 (½)	282 4	
81	70.18	9.1	9.43	4.7	282 8	
185	71.17	8.5	9.36	2.4	77 54	
84	70.20	s.9	11 14.36	15 12 14.3	277 44	
184	71.17	9.3	14.52	16.0	82 20	
74	70.15	9-10	11 16.43:	19 23 1.3:	281 54	Z.185: 9ᵐ.2
84	70.20	s.9	11 20.74	15 41 7.4: (½)	278 12	
86	21	9	20.80	7.0	278 12	
183	71.16	8.9	20.81 (½)	7.2	81 50	
74	70.15	h.9–s.8-9	11 23.60	19 23 19.1	281 54	
185	71.17	8.7	23.62	17.4	78 8	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6h			
80	70.18	8.2	11m25s.37	18°28′28″.1	281° 0′	
186	71.18	8.1	25.38	27.5	79 4	
76	70.16	7	11 45.73 (½)	17 22 20.2 (½)	279 54	
190	71.19	7.2	45.72	20.3	80 10	
74	70.15	h.8-9 .. 8-9	11 55.28	18 54 56.7	281 26	
189	71.19	8.3	55.27	58.0	78 36	
80	70.18	9.0	11 55.82	18 36 54.0	281 8	
188	71.18	9.1	55.80	51.8	78 54	
77	70.16	s.9	11 57.82	16 42 37.8	279 14	
87	70.21	h.9	11 58.30	20 2 58.4	282 34	
187	71.18	8.6	58.26	56.6	77 30	
80	70.18	9.3	12 2.75	18 37 —	281 —	
68	70.11	h.9 .. 9	12 13.70	16 37 24.9	80 52	
73	15	h.9	13.65	23.6	279 14	
68	70.11	8	12 19.13	16 13 36.9	81 16	
73	15	s.8	19.16	36.9	278 50	
86	70.21	7	12 28.24	16 3 46.8 (½)	278 34	
190	71.19	7.2	28.25	45.3	81 28	
175	71.04	9.3	12 32.30 (½)	16 43 8.6 (½)	279 14	
188	18	9.5	32.20	9.3	80 48	
81	70.18	9.5	12 43.28	16 38 19.3	279 10	
184	71.17	9.3	43.56	18.7	80 54	
2	69.15	h.8	12 47.71 (½)	19 55 27.6 (½)	282 22	
72	70.15	8:	47.62	28.7	282 30	
185	71.17	8.0:	47.58	28.8	77 36	19°1303 (?) 9m.1
68	70.11	s.9	12 47.83	16 16 34.2	81 14	
84	70.20	s.9	13 3.32	14 51 14.9	277 22	
184	71.17	9.2	3.43	16.9	82 40	
86	70.21	h.9	13 4.41	16 31 21.4	279 2	
188	71.18	9.2	4.39	21.8	81 0	
81	70.18	9.4	13 8.28	16 45 42.5	279 18	
188	71.18	9.2	8.20	42.6	80 46	
73	70.15	s.9	13 10.63	16 12 51.5	278 50	
72	70.15	h.9	13 13.24	19 43 45.9	282 18	
189	71.19	8.8	13.06	45.7 (½)	77 48	
74	70.15	h.8	13 15.99 (½)	18 6 3.0 (½)	280 37	
190	71.19	7.8	15.95	3.0 (½)	79 26	
74	70.15	9	13 18.67 (½)	18 5 33.8 (½)	280 37	
190	71.19	8.9 sic	18.63	34.3	79 26	
80	70.18	9.0	13 19.74	18 35 14.0	281 6	
189	71.19	9.1	19.79	13.3	78 56	
86	70.21	s.9	13 24.74	17 26 36.5	279 58	Z. 76: 9m
189	71.19	9.2	24.73	36.9	80 4	
84	70.20	s.9	13 32.44	15 44 47.4	278 16	
183	71.16	8.8	32.39 (½)	46.8 (½)	81 40	
76	70.16	h.9	13 34.22	17 24 36.0	279 56	
189	71.19	8.6	34.25	34.9 (½)	80 6	
72	70.15	h.8	13 37.49	19 58 41.6	282 32	
185	71.17	8.5	37.52	43.0	77 32	
1	69.15	—	13 48.94 (½)	15 6 20.1 (½)	277 38	s. schwach
84	70.20	9-10	48.81 (½)	22.9: (½)	277 38	3 F.
183	71.16	8.9	48.96	21.7	82 24	
77	70.16	s.9	13 53.02	16 28 56.5	279 0	
188	71.18	9.3	53.01	56.6	81 2	
76	70.16	6-7	14 8.23	17 49 8.8	280 20	
191	71.20	7.0	8.19 (½)	8.2 (½)	79 42	
68	70.11	h.9-10	14 8.89	16 19 51.8	81 10	
73	15	s.9	8.71	53.5	278 56	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6h			
72	70.15	7-8	14m11s.27	19°56′47″.5	282°30′	
185	71.17	7.9	11.20	47.5	77 34	
80	70.18	9.0	14 11.51	17 21 20.3	279 52	
189	71.19	9.0	11.60	20.5	80 10	9m.2 f. 2s 3′N.
68	70.11	h.9-10	14 13.70	16 20 29.4	81 10	
73	15	...*	13.59	29.1	278 58	* s.9 – h.9-10
2	69.15	h.9	14 20.19 (½)	19 40 13.0 (½)	282 8	
81	70.18	8.7	20.14	13.9	282 12	
190	71.19	8.6	20.18	12.9	77 52	
84	70.20	9-10	14 31.89 (½)	15 25 42.9	277 58	3 F.
175	71.04	8.5*	31.88	41.4	277 58	* äuss. zfl
184	17	9.2	31.96 (½)	43.3	82 6	3 F.
80	70.18	8.8	14 37.57	19 45 35.8	282 16	9m.1 f. 3s 3′N.
190	71.19	8.8	37.57	34.8	77 46	
77	70.16	9	14 44.55	15 32 41.7	278 4	
183	71.16	9.0	44.54	41.6	81 58	
80	70.18	8.5	14 50.60	19 45 34.7	282 16	
190	71.19	8.3	50.51	32.8	77 46	
74	70.15	h.8-9	15 0.37	19 25 40.6	281 58	
190	71.19	8.5	0.37	41.0	78 6	
76	70.16	h.9 .. s.8-9	15 3.07	17 12 39.3	279 44	
191	71.20	8.9	3.09 (½)	38.6 (½)	80 18	
80	70.18	8.9	15 8.68	18 52 55.2	281 24	
190	71.19	9.1	8.74	55.2	78 38	18°1195 9m.3
87	70.21	s.8	15 10.75	14 55 26.1	227 20	schwkd
184	71.17	8.5	10.88	26.6	82 36	
1	69.15	—	15 21.50 (½)	16 13 10.1 (½)	278 46	
77	70.16	h.9 .. s.8-9	21.44	9.1	278 44	
188	71.18	9.0	21.54	9.1	81 18	
86	70.21	9	15 27.62	15 37 26.1	278 8	
183	71.16	9.2	27.50	24.6	81 54	
76	70.16	s.8-9 .. h.9	15 30.16	17 51 53.1	280 22	
189	71.19	8.8	30.19	51.3	79 40	
175	71.04	{ 7.5	15 32.61 (½)[1]	17 37 58.3	280 10	} Dpl. 2s.5 30°
		{ 8.5	32.66	59.9	280 10	
191	20	{ 8.0	32.66	57.0	79 54	} " 3 30°
		{ 8.8	32.78	58.7	79 54	
192	20	{ 8.0	32.65	57.1	79 54	} " 3 25
		{ 8.9	32.75	38 0.3	79 54	
175	71.04	9.0	15 50.54	20 3 34.1	282 36	
190	19	9.0	50.55	35.9	77 28	Bem.[2]
2	69.15	h.9	15 51.83 (½)	19 43 39.0 (½)	282 10	
87	70.21	s.8-9	51.81	38.4	282 14	
185	71.17	8.0	51.75	39.4	77 48	
77	70.16	h.8-9	15 55.85	16 34 27.2	279 6	
188	71.18	8.2	55.84	28.4	80 56	
86	70.21	8	15 57.87	15 54 8.2	278 26	
183	71.16	8.2	57.87	7.2	81 38	
81	70.18	8.0	16 3.55	17 27 12.4	279 58	
189	71.19	8.2	3.57	12.1	80 4	
80	70.18	8.9	16 13.93	15 54 22.4	278 26	
183	71.16	8.8	13.87	22.5	81 38	
86	70.21	h.8	16 15.58	15 9 44.3	277 40	
184	71.17	8.2	15.67	44.5	82 22	
76	70.16	s.8	16 16.22	17 42 47.8	280 14	
191	71.20	8.9 zfl.	16.29	47.7	79 48	
192	20	8.8	16.20	47.9 (½)	79 48	

[1] 3 F.; ausserdem med. 32s.70 2 F., zu unr. zu sicherer Beob.
[2] Beide zu unruhig zu sicherer Beob.
[3] 20°1396 9m.2, 1398 9m.2

one	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
76	70.16	9	$16^m 17^s.89$	$17° \ 7' \ 12''.2$	279°38'	
88	71.18	8.7	17.95	12.9	80 24	
89	71.19	9.2	16 24.73	17 57 46.9	79 34	s. helle Bel.
87	70.21	s.8-9‥h.9	16 30.83	17 56 45.1	280 28	
89	71.19	8.8	30.93	44.8	79 34	
80	70.18	9.0	16 31.56	18 29 50.7	281 0	Z.190: $8^m.9$
80	70.18	8.5	16 31.72	18 31 8.0	281 2	
190	71.19	8.6	31.84	7.3	79 0	
84	70.20	s. 8-9	16 36.30	15 2 14.5	277 34	
184	71.17	9.0	36.32	14.5	82 30	
72	70.15	h. 9	16 37.36	19 58 14.3	282 32	
185	71.17	8.9	37.37	16.1	77 34	
76	70.16	h. 9	16 38.83	17 6 18.4	279 38	
188	71.18	8.5	38.86	19.5	80 26	
84	70.20	8	17 0.16	15 54 50.1	278 26	
183	71.16	8.0	0.29	49.9	81 36	
77	70.16	s. 9	17 5.82	16 3 39.8	278 34	
184	71.17	9.3	5.86	39.5	81 28	
81	70.18	8.6	17 14.57	19 46 6.1	282 16	
185	71.17	8.5	14.53	4.9	77 46	
81	70.18	9.2	17 18.26	19 45 40.7	282 16	
185	71.17	9.2	18.24	41.2	77 46	
84	70.20	s. 9	17 37.81	15 52 56.2	278 24	
183	71.16	9.0	37.88	55.4	81 38	
2	69.15	h. 9	17 39.70 (½)	19 49 44.2 (½)	282 16	
72	70.15	h.9‥s.8-9	39.75	43.2	282 24	
185	71.17	8.5	39.78	44.8	77 42	
77	70.16	h. 7-8	17 40.44	16 7 22.9	278 38	
184	71.17	7.0	40.41	25.1	81 24	
81	70.18	9.0	17 43.01	17 50 32.2	280 22	
188	71.18	8.9	43.02	32.4	79 42	
86	70.21	9	17 43.67	15 4 51.9	277 36	
184	71.17	9.0	43.81	53.0	82 26	
76	70.16	h.8‥s.7-8	17 50.72	17 3 35.6	279 34	
188	71.18	7.4	50.68	36.8	80 28	
77	70.16	h. 9	17 57.67	16 10 23.0	278 42	
181	71.12	8.4	18 2.95	14 56 18.5	277 28	
183	16	8.8	2.75	19.9	82 34	
80	70.18	9.0	18 3.79	18 11 27.4	280 42	
189	71.19	9.0	3.82	26.9	79 20	
77	70.16	8-9	18 5.87	16 6 55.0	278 38	
184	71.17	8.7	5.95	56.3	81 24	
81	70.18	9.1	18 18.22	17 52 5.8	280 24	
188	71.18	9.1	18.19	6.0	79 40	
185	71.17	9.0	18 20.34	20 0 18.8	77 32	
76	70.16	s.8-9‥h.9	18 44.33	17 15 50.9	279 46	
189	71.19	8.9	44.32	50.4	80 16	
3	69.16	h. 7	18 50.68 (½)	18 49 53.4 (½)	281 18	
80	70.18	7.0	50.64	53.2	281 20	
190	71.19	7.0*	50.61	52.1	78 42	* schw. orange
230	99	7.3*	50.59	52.8	78 42	* » »
87	70.21	h. 7	18 51.81	15 13 6.1	277 44	
183	71.16	7.1	51.82	5.7	82 18	
84	70.20	s. 9	18 58.58	15 17 18.7 (½)	277 48	
184	71.17	8.8	58.81	19.5	82 14	
72	70.15	h. 9	19 0.04	20 7 27.4	282 42	
185	71.17	9.0	18 59.98	28.7	77 24	
81	70.18	9.0	19 17.70	17 53 30.7	280 24	
188	71.18	9.1	17.69	30 9	79 38	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
77	70.16	s. 9	$19^m 27^s.24$	$16° \ 32' \ 29''.8$	279° 4'	
188	71.18	9.2	27.17	29.5	81 0	Z.189: $9^m.3$
86	70.21	s. 7	19 27.35 (½)	15 35 —	278 6	
87	21	7	27.40 (½)	36.2 (½)	278 7	
184	71.17	7	27.27 (½)	36.4	81 56	2 F.
191	20	7.5	27.47	35.5	81 56	
192	20	7.5	27.40	36.6 (½)	81 56	
77	70.16	h. 9	19 33.53	16 31 44.4	279 4	
189	71.19	9.1	33.54	45.6	81 0	Z.188: $8^m.8$
76	70.16	8	19 39.07	17 31 20.5	280 2	
190	71.19	7.8	39.03	20.5	80 0	
230	99	7.7	39.06	20.8	80 0	
84	70.20	s. 9	19 52.40	14 51 3.9 (½)	277 22	
184	71.17	8.8	52.58	4.6	82 40	
77	70.16	s. 9	20 0.90	16 31 55.0	279 4	
188	71.18	9.0	0.93	54.7	81 0	
2	69.15	s. 9	20 1.09 (½)	19 31 54.2 (½)	281 58	
72	70.15	9	1.18	52.2	282 6	
185	71.17	9.0	1.21	52.2	78 0	
87	70.21	6-7	20 7.38 (½)	14 57 40.0 (½)	277 29	
191	71.20	7.1	7.36	39.5	82 34	
80	70.18	9.0	20 17.15	18 20 11.1	280 50	
189	71.19	9.2	17.13	10.6	79 12	
1	69.15	9.0	20 17.27	15 11 48.2	277 44	
84	70.20	s. 9	17.38	46.9	277 44	
183	71.16	8.9	17.44	46.5	82 20	
76	70.16	9‥s.9	20 19.33	17 25 19.7	279 56	
189	71.19	8.9	19.37	21.5	80 6	
80	70.18	7.0	20 21.95	18 17 46.1	280 48	
189	71.19	8.0	22.01	46.5	79 14	
191	71.20	9.1 zfl.	20 29.44	18 33 33.7	78 58	Z.190: $8^m.5$
192	20	8.9	29.47	33.4	78 58	
180	71.09	9.3	20 33.74	20 4 22.2 (½)	282 36	
185	17	9.0	33.73	24.7	77 28	
76	70.16	9	20 35.12	17 45 29.8	280 16	
188	71.18	8.9	35.14	29.2	79 46	
80	70.18	7.9	20 37.76	18 53 18.1	281 24	
190	71.19	8.0	37.87	18.4	78 38	
81	70.18	8.5	20 44.49	15 46 5.7	278 18	
183	71.16	8.4	44.47	6.0	81 46	
230	99	8.5	44.45	6.8	81 46	
3	69.16	s. 9	20 47.04 (½)	19 6 17.7 (½)	281 34	
72	70.15	9‥s.9	47.00	17.1	281 40	
185	71.17	9.0	47.03	18.0	78 26	
86	70.21	h. 9	20 56.33	15 23 18.4	277 54	
183	71.16	9.2	56.38	17.7	82 8	
80	70.18	7.7	20 58.25	18 32 36.7	281 4	
190	71.19	7.8	58.24	36.2 (½)	78 58	
86	70.21	h. 9	21 0.15	14 54 34.2	277 26	Z. 84: h.10^m
184	71.17	9.2	0.22	30.3	82 36	
77	70.16	8-9	21 7.43	16 18 8.2	278 50	Z.191: $9^m.0$, [Z. 230: $8^m.3$]
77	70.16	7	21 16.29	16 18 55.8	278 50	
191	71.20	7	16.28	56.9	81 12	
230	99	6.2*	16.21	55.8	81 12	* schw. orange
77	70.16	8-9‥h.8-9	21 17.11	16 7 21.6	278 38	
190	71.19	8.4	17.09	22.8	81 24	
84	70.20	9-10	21 33.36 (½)	14 56 27.0	277 28	1 F.
86	21	s. 9	33.25	24.7	277 28	
184	71.17	9.2	33.28	26.3	82 34	
72	70.15	h. 9	21 39.80	18 22 39.0	280 56	
189	71.19	9.0	39.87	39.9	79 10	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6ʰ			
72	70.15	9	21ᵐ45ˢ.39	18° 27′ 7″.1	281° 0′	
189	71.19	9.2	45.31	5.7 (½)	79 4	
1	69.15	8.0	21 47.47(0.4	17 49 42.4 (½)	280 22	
76	70.16	h. 8	47.46 (½)	41.0 (½)	280 20	
188	71.18	7.9	47.48	42.6	79 42	
81	70.18	8.1	21 53.06	17 34 28.7	280 6	
190	71.19	8.0	53.06	28.9	79 58	
3	69.16	8-9	22 18.13 (½)	18 5 29.2 (⅓)	280 32	
80	70.18	8.0	18.01	29.5	280 36	
185	71.17	8.4	18.10	30.0	79 26	
81	70.18	8.2	22 22.43 (½)	17 3 26.2 (½)	279 34	
190	71.19	8.1	22.43	27.0 (½)	80 28	
84	70.20	h. 9-10	22 28.98	15 28 13.1 (½)	278 0	δ etw. uns.
85	20	s. 9	28.92	12.8	278 0	
183	71.16	9.0	28.99	12.9	82 4	
76	70.16	s. 8	22 32.89	17 42 13.9	280 14	
188	71.18	7.7	32.91	13.6	79 50	
230	99	7.8	32.96	12.3	79 50	
80	70.18	8.5	22 38.63	18 3 52.1	280 34	
185	71.17	8.8	38.71	52.2	79 28	
87	70.21	7-8 zfl.	22 43.56 (½)	17 59 13.5 (½)	280 30	
191	71.20	7.8	43.58	12.7 (½)	79 32	
81	70.18	9.1	22 47.14	17 49 49.4	280 20	
188	71.18	9.1	47.07	49.5	79 42	
87	70.21	—	22 48.64 (½)	18 8 —	280 —	3 F.
180	71.09	8.8	48.72 (½)	40.4 (½)	280 40	
185	17	9.1	48.59	38.7	79 22	
86	70.21	s. 8	22 54.44	15 43 46.9	278 16	
183	71.16	8.4	54.43	46.3	81 48	
77	70.16	s. 9	22 58.08	16 2 47.7	278 34	
184	71.17	9.0	58.10	48.9	81 28	
2	69.15	h. 8-9	23 4.58 (½)	19 22 13.0 (½)	281 48	
72	70.15	s. 8-9	4.57	12.8	281 56	
185	71.17	8.5	4.60	12.6	78 10	
80	70.18	7.4	23 7.31	18 1 51.0	280 32	
190	71.19	7.7	7.32	51.7	79 30	
230	99	7.9	7.30	51.2	79 30	
86	70.21	8.2	23 12.87	14 58 36.1	277 30	
183	71.16	8.0	12.86	35.1	82 34	
77	70.16	9‥s. 9	23 15.98	16 48 20.9	279 20	
184	71.17	8.9	16.05	21.3	80 42	
189	19	9.0	16.15	21.7	80 44	
1	69.15	6.7	23 55.26 (½)	17 1 25.2 (½)	279 34	
76	70.16	7*	55.36 (½)	25.4 (½)	279 32	* blass orange
191	71.20	6.7	55.37	25.5 (½)	80 30	
81	70.18	8.3	24 5.90 (½)	16 22 33.0 (½)	278 55	
190	71.19	8.0	5.81	34.0	81 10	
84	70.20	(h. 9)	24 6.82	15 49 17.4:(½)	278 20	
85	20	8.6	6.78	16.2	278 20	
183	71.16	8.1	6.78	16.7	81 42	
76	70.16	7-8	24 7.27	17 30 10.7	280 2	
192	71.20	8.0	7.22	11.0	80 2	
86	70.21	8.0	24 9.42	16 10 35.1 (½)	278 42	
188	71.18	8.4	9.37	35.7	81 20	
180	71.09	8.0	24 19.90	15 56 17.6 (½)	278 28	
183	16	7.7	19.95	17.1	81 34	Z. 230: 7ᵐ.2
181	71.12	9.1	24 20.18	17 40 57.0	280 12	
188	18	9.2	20.12	56.3	79 50	
181	71.12	7.5	24 20.59	16 54 47.6	279 26	
191	20	7.5	20.61	46.7 (½)	80 36	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6ʰ			
77	70.16	9	24ᵐ22ˢ.00	16° 46′ 7″.1 (½)	279° 17′	
189	71.19	9.2	21.89	5.9	80 46	
81	70.18	9.0	24 22.63	17 13 25.9	279 46	
188	71.18	9.0	22.71	24.7	80 18	
180	71.09	8.0	24 23.45	15 30 27.1	278 2	
184	17	7.9	23.40	26.2	82 0	
180	71.09	6.9	24 26.01	15 59 18.9	278 32	
230	99	6.4	25.98	18.7	81 32	
81	70.18	8.4	24 26.58	17 10 4.2	279 42	
188	71.18	8.5	26.51	3.1	80 22	
80	70.18	9.0	24 29.61	18 28 37.0 (½)	281 0	
189	71.19	9.2	29.63	36.4 (½)	79 4	
84	70.20	W.	24 33.52	15 27 —	277 —	Hgl.–
85	20	9	33.36	0.9	277 58	
184	71.17	8.5	33.41	2.0	82 4	
87	70.21	s. 8	24 35.53	20 0 14.0	282 32	
190	71.19	8.2	35.56	15.4 (½)	77 32	
189	71.19	9.0	24 35.89	17 45 22.1	79 46	
2	69.15	h. 8	24 39.80 (½)	19 48 18.1 (½)	*282 16	
72	70.15	h. 8	39.73	19.1	282 22	
185	71.17	8.0	39.77	19.6	77 44	
76	70.16	h. 8-9‥s. 8	24 45.12	17 45 5.8	280 16	
189	71.19	8.0	45.16	5.7	79 46	
184	71.17	9.0	24 51.77	15 13 0.8	82 18	Z. 86: 9
86	70.21	8.2	24 58.67	15 12 13.3	277 44	
184	71.17	8.0	58.71	14.5	82 20	
77	70.16	s. 9	24 59.34	16 56 34.3	279 28	
181	71.12	{ 7.5	25 0.01	17 51 55.4	280 24	}Dpl. 25ˢ2
		7.3	0.72	52 12.8	280 24	
192	20	{ 7.8	0.14	51 55.4	79 40	}Dpl.
		7.5	0.84	52 12.4	79 40	
77	70.16	9‥s. 9	25 6.97	16 55 23.6	279 26	
191	71.20	9.1	6.93	24.6	80 36	
85	70.20	7.9	25 9.79	15 47 35.9	278 18	
192	71.20	7.8	9.83	36.0	81 44	
86	70.26	8.9	25 10.37	14 56 46.8	277 28	
191	71.20	9.2*	10.38	47.5	82 34	* gz. zfl.
76	70.16	s. 8-9‥8-9	25 13.85	17 44 7.6	280 16	
189	71.19	8.5	13.84	8.4	79 48	
87	70.21	s. 7-8	25 18.66	16 37 18.4	279 8	
191	71.20	8.7	18.66	17.9	80 54	
80	70.18	8.5	25 20.30	18 16 26.0	280 48	
192	71.20	8.8	20.26	26.3	79 16	
1	69.15	8	25 26.45 (½)	17 6 59.4 (½)	279 40	
81	70.18	8.5	26.50	7 0.3	279 38	
188	71.18	8.0	26.48	1.0	80 24	
180	71.09	7.3*	25 30.93	15 6 33.8	277 38	* etw. zfl.
184	17	7.2	30.93	35.1 (½)	82 26	
230	94	7.5	30.91	37.4	82 24	
77	70.16	9‥s. 9	25 32.79	16 45 19.5	279 16	
191	71.20	9.3 zfl.	32.71	18.1	80 46	
3	69.16	h. 9	25 32.84 (½)	19 8 26.2 (½)	*281 36	
180	71.09	9.0	32.81	29.6	281 40	
185	17	9.1	32.87	28.8	78 24	
86	70.21	8.9	25 48.75	15 16 7.0	277 48	
184	71.17	8.9	48.86	—	82 16	
190	19	9.0	48.80	8.0	82 16	
87	70.21	s. 7	25 50.84	17 2 16.2	279 34	
188	71.18	8.0	50.89	17.7	80 30	

ne	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6h			
2	70.15	8	25m52s.36 (½)	19° 55′ 59″.8 (½)	282° 30′	
5	71.17	8.2	52.32	56 1.3	77 36	
5	70.20	9.1	25 59.71	15 55 2.4	278 26	
3	71.16	8.9	59.68	1.8	81 36	
0	70.18	9.0	26 1.05 (½)	18 52 22.1	281 24	
0	71.19	9.1	1.08	22.7	78 40	
6	70.16	9‥h.9	26 1.48	17 29 57.7	280 2	
9	71.19	8.8	1.53	58.2	80 2	
0	70.18	9.0	26 2.64	18 52 52.4	281 24	
0	71.19	9.1	2.60	53.4	78 38	
5	70.20	9.4	26 43.74	15 8 57.1	277 40	
3	71.16	9.3	43.75	57.0	82 22	
30	99	9.2	43.72	55.9	82 22	
1	69.15	9.2	26 57.39 (0.3)	18 49 57.9 (½)	281 22	3 F.
30	70.18	9.0	57.24	57.8	281 22	
90	71.19	9.0	57.28	59.3	78 42	
76	70.16	9	27 2.42	17 19 10.8	279 50	
81	18	9.0	2.33	11.5	279 50	
88	71.18	8.9	2.38	10.9	80 12	
77	70.16	9	27 7.62	16 44 23.4	279 16	
89	71.19	8.6	7.70	23.8	80 48	
85	70.20	{ 8.7	27 13.68	14 50 44.6	277 22	} Dpl. 3″ 320°
		{ 8.0	13.76	41.7	277 22	
84	71.17	{ 8.5	13.57	45.5	82 40	} » 2 335
		{ 8.2	13.67	42.4	82 40	
2	69.15	7	27 16.65 (½)	19 31 24.8 (½)	*281 58	
72	70.15	7-8	16.59 (½)	23.4 (½)	282 6	
85	71.17	7.3	16.59	23.2	78 0	
84	70.20	s.9-10	27 19.86	15 10 41.7	277 42	
83	71.16	9.3	20.02	40.7	82 20	
30	99	9.1	20.06	41.0	82 20	
80	70.18	8.9	27 26.55	18 26 46.6	280 58	
90	71.19	9.0	26.63	46.7	79 4	18° 1266 9m.2
77	70.16	8‥s.8	27 33.40	16 28 34.2	279 0	
91	71.20	8.5	33.44	34.1	81 2	schwkd.
86	70.21	9.1	27 36.20	16 14 34.7	278 46	
88	71.18	9.2	36.14	34.8	81 16	
84	70.20	h.9	27 37.79	15 10 26.3 (½)	277 42	
83	71.16	8.5	37.73	24.3	82 20	
30	99	8.4	37.71 (½)	25.4 (½)	82 20	
86	70.21	8.9	27 38.55	16 13 37.7	278 46	
188	71.18	9.1	38.57	37.6	81 18	
86	70.21	6.7	27 41.30	16 18 2.5	278 50	
192	71.20	7.2	41.26	2.2	81 14	
81	70.18	7.3	27 42.68	16 51 32.8	279 22	
191	71.20	7.5	42.76	33.5	80 40	
180	71.09	7.3	27 47.75	15 25 32.4	277 58	
192	20	7.4	47.85	31.1	82 6	
230	99	6.9	47.90	32.6	82 6	
80	70.18	9.1	27 48.66	18 12 8.6	280 44	
189	71.19	9.1	48.62	7.5	79 20	
80	70.18	8.4	27 54.01	18 9 57.1	280 42	
189	71.19	8.2	54.08	57.3	79 22	
3	69.16	h.7-8	28 14.80 (½)	19 6 0.2 (½)	281 34	
72	70.15	h.8	14.76 (½)	5 59.3 (½)	281 41	
185	71.17	7.8	14.76	59.1	78 26	
85	70.20	8.8	28 15.58	15 48 27.2	278 20	
184	71.17	8.5	15.54	26.8	81 42	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6h			
1	69.15	9.5	28m29s.91 (0.4)	15° 4′ 57″.3 (½)	277° 38′	
84	70.20	s.9	29.69	58.2: (½)	277 36	
183	71.16	8.9	29.65	55.1	82 26	
230	99	9.1	29.66	53.4	82 26	
76	70.16	s.9	28 29.93	17 8 30.6	279 40	
191	71.20	9.3	29.83	30.5	80 22	
80	70.18	9.2	28 32.83	17 59 44.2	280 30	
190	71.19	9.1	32.77	43.0	79 32	
81	70.18	7.6	28 36.05	17 17 54.2 (½)	279 48	
192	71.20	8.0	36.06	54.3 (½)	80 14	
76	70.16	8	28 36.91	17 47 26.3	280 18	
192	71.20	7.9	36.95	26.1	79 44	
81	70.18	7.3	28 38.63	16 32 40.2	279 4	
191	71.20	7.8	38.73	39.0	80 58	schwkd.
230	99	—	38.70	39.0	81 0	
87	70.21	9	28 40.96	17 57 38.8	280 28	
190	71.19	9.2	40.86	38.6	79 34	
84	70.20	s.9	28 43.71 (½)	15 30 0.8 (½)	278 2	etw. uns.
180	71.09	9.1	43.67	1.6 (½)	278 2	
183	16	9.2	43.60	0.2	82 2	
72	70.15	8	28 44.43 (½)	19 39 25.9 (½)	282 15	
185	71.17	8.0	44.44 (½)	24.7 (½)	77 52	
87	70.21	h.9	28 45.57	17 35 18.8	280 6	
189	71.19	9.1	45.55	19.1	79 56	
77	70.16	7	28 47.80	16 53 46.2 (½)	279 26	
188	71.18	7.0	47.74	45.8	80 38	
77	70.16	9.1	29 13.07	16 56 2.7	279 28	
188	71.18	9.1	13.08	2.3 (½)	80 36	
85	70.20	7.8	29 18.08	15 51 5.6	278 22	
184	71.17	7.5	18.03	5.0 (½)	81 40	
86	70.21	8.9	29 19.19	19 48 14.8	282 20	
185	71.17	8.9	19.15	14.4	77 44	
77	70.16	8.6	29 31.94	16 25 22.9	278 56	
184	71.17	8.1	31.88	23.5	81 6	
76	70.16	h.8-9	29 38.24	17 12 5.1	279 44	
189	71.19	8.1	38.20	4.9	80 20	
3	69.16	7-8	29 40.18 (½)	19 15 44.9 (½)	281 42	
180	71.09	7.9	40.09	44.5	281 48	
191	20	7.9	40.22	45.3	78 16	
86	70.21	9.0	30 18.68	16 39 54.6	279 12	
188	71.18	8.9	18.62	54.8	80 52	
87	70.21	h.9	30 19.88	20 3 7.0	282 34	
191	71.20	9.2	19.88	7.3	77 28	
1	69.15	7.4	30 26.61 (½)	18 30 18.1 (½)	281 2	
180	71.09	7.5	26.65	17.9	281 2	
192	20	8.2	26.63 (½)	18.5 (½)	79 2	
87	70.21	8.5	30 28.35	15 18 2.1	277 50	
184	71.17	8.9	28.29	3.1	82 12	Z. 193: 9m.0
*						
180	71.09	8.8*	30 31.65	19 32 17.1	282 4	* s. zfl.
185	17	8.5	31.66	15.6	78 0	
87	70.21	8.5	30 33.04	16 21 15.0 (½)	278 52	
188	71.18	8.6	32.99	15.2	81 10	9m.2 7s v. 2′ N.
181	71.12	8.8	30 33.25	15 30 44.6	278 4	
183	16	9.3	33.30	44.5	82 0	
182	71.12	(wie 10)	30 [33.11]	15 16 [25.1]	277 48	etw. uns.[1]
190	19	8.4	33.25	24.1	82 16	
193	21	8.8	33.33	23.9	277 48	Z. 87: 8m

* Nr. 2270; γ Geminorum, Fund.-St.

[1] Hgl. —s.185 ang.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
181	71.12	8.0	$30^m38^s.09$	15° 8′ 38″.7 (½)	277° 42′	
188	18	8.5	38.06	38.1	82 22	
187	71.18	8.7	30 41.50	17 11 45.1	80 20	
193	21	9.0	41.57	43.6	279 44	
191	71.20	8.9	30 42.92	16 5 31.1	81 26	
194	21	8.5	42.80	29.0	278 38	
186	71.17	8.5	30 43.03	19 58 58.6	77 34	19°1408 h.9^m
194	21	8.6	42.96	59.3	282 30	
192	71.20	8.6	30 45.40	15 52 33.8	81 40	
194	21	8.5	45.47	34.0	278 24	
189	71.19	9.3	30 45.58 (½)	17 52 34.5 (½)	79 40	$9^m.5$ 8″v. 2′S.
193	21	9.4	45.58	34.6 (½)	280 24	
195	21	9.0	45.65	33.8	280 24	
186	71.18	8.6	30 54.19	16 54 31.2	80 38	
194	21	9.0	54.20 (½)	31.0	279 26	3 F.
195	21	8.7	54.24	31.3 (½)	279 26	
77	70.16	9.1	31 8.90	16 30 46.2	279 2	
187	71.18	9.1	8.80	45.4 (½)	81 0	
181	71.12	9.0	31 12.81	14 52 48.7	277 26	14°1374 $9^m.0$
187	18	9.2	12.74	49.0	82 38	9.3
181	71.12	8.9	31 17.10	15 8 50.7 (½)	277 42	
188	18	9.2	16.90	49.4	82 22	
3	69.16	8-9	31 35.96 (½)	19 21 14.7 (½)	281 48	
180	71.09	8.4	35.95	16.1	281 54	
185	17	8.5	36.00	16.2	78 10	
180	71.09	8.5*	31 40.29	19 42 7.9	282 14	* äuss. zfl.
186	17	8.1	40.26	8.9	77 50	
85	70.20	9.1	31 41.93 (½)	15 20 39.6	277 52	3 F.
184	71.17	9.0	41.98	40.2	82 10	
76	70.16	h.9	31 42.97	17 53 23.1	280 24	
189	71.19	8.6	43.00	24.4 (½)	79 38	
186	71.18	9.0	31 46.53	19 13 55.7	78 18	
193	21	9.3	46.56	54.8	281 40	
194	21	9.4	46.61	55.9 (½)	281 40	
84	70.20	h.8	31 46.92	15 18 57.2 (½)	277 50	
184	71.17	8.0	46.87	57.4	82 12	
190	19	7.9	46.96	57.3	82 12	
84	70.20	h.9	31 57.27	15 14 26.7	277 46	
230	71.99	8.7	57.39	26.8	82 18	
86	70.21	9.0	32 5.01	15 27 11.5	277 58	
187	71.18	9.2	4.96	9.3	82 4	
81	70.18	9.1	32 5.57	17 46 13.7	280 18	
188	71.18	9.1	5.64	12.5	79 40	
76	70.16	9..s.9	32 9.15	17 53 56.2	280 26	
181	71.12	8.0	32 18.21	17 36 14.6	280 8	
192	20	8.8	18.20	15.0	79 56	
81	70.18	8.8	32 18.47	17 48 42.9	280 20	
188	71.18	8.5	18.46	42.6	79 44	
72	70.15	s.8	32 34.48	19 25 18.8	282 0	
185	71.17	8.0	34.50	20.8	78 6	
180	71.09	7.5	32 38.92	19 46 14.4	282 18	
192	20	7.5	38.90	12.4	77 46	
183	71.16	8.6	32 39.12	15 54 3.5	81 38	
193	21	8.7	39.05	3.6	278 20	
76	70.16	s.9	32 40.14	17 55 6.9	280 26	
80	70.18	9.2	32 41.67	17 41 54.0	280 14	
188	71.18	9.3	41.66	—	79 –	Z.189: $9^m.3$
87	70.21	9.2	32 42.80	20 6 44.6	282 38	
191	71.20	9.4	42.56	46.5	77 26	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
80	70.18	8.8	$32^m43^s.59$	18° 9′ 59″.2	280° 42′	
189	71.19	8.9	43.40	57.9	79 22	
80	70.18	9.2	32 44.81	17 43 24.7	280 14	
189	71.19	9.3	44.77	24.9	79 48	Z.187 [illegible]
77	70.16	9.1	32 45.11	16 28 17.3	279 0	
192	71.20	9.1	45.13	16.7	81 4	Bel. e. z. [illegible]
3	69.16	s.8-9	32 47.97 (½)	19 53 6.6 (½)	282 20	
180	71.09	8.9	47.97	7.1	282 24	
185	17	8.5	47.93	7.3	77 38	
84	70.20	s.8-9	32 48.37	15 12 20.5	277 44	
192	71.20	8.8	48.38	21.0	82 20	
230	99	8.8	48.35	21.5	82 20	
87	70.21	9.0	32 52.51	20 3 24.5	282 34	
191	71.20	9.2	52.39	24.3	77 28	
77	70.16	9.0	32 53.93	16 49 48.2 (½)	279 21	
190	71.19	8.7	53.89	47.1	80 42	
85	70.20	8.8	32 56.07	15 50 27.2	278 22	
183	71.16	8.5	56.08	28.1	81 42	
86	70.21	s.9	33 0.09	15 48 7.3	278 20	
183	71.16	9.0	0.02	6.7	81 44	
72	70.15	9.·h.9*	33 1.03	19 32 5.6	282 6	* spl.
186	71.17	8.0*	0.99	4.2	78 0	* spl.
81	70.18	8.6	33 18.03	17 45 16.3	280 16	
188	71.18	8.2	18.17	16.5	79 46	Bem.[1]
2	69.15	9	33 38.64 (½)	19 53 51.8 (½)	282 20	3 F
180	71.09	9.1	38.74	53.5	282 26	
185	17	8.7	38.75	53.9	77 38	19°1430 [illegible]
77	70.16	8.8	33 48.57 (½)	16 37 45.9 (½)	279 9	
190	71.19	8.4	48.67	46.7 (½)	80 54	
180	71.09	9.3	33 50.76	19 54 25.7	282 26	Z.185. [illegible]
181	71.12	8.2	33 53.65	18 41 22.9	281 14	
189	19	8.8	53.56	23.9	78 50	
87	70.21	8.0	33 54.96	20 4 49.4	282 36	
191	71.20	8.3	55.05	49.7	77 26	
3	69.16	8-9	34 2.19 (½)	19 2 47.9 (½)	281 30	
72	70.15	h.9	2.19 (½)	48.2 (½)	281 37	
191	71.20	9.0	2.19	49.9	78 28	
181	71.12	6.7	34 9.21	16 30 42.2	279 4	
190	19	6.3	9.17	43.5 (½)	81 0	
189	71.19	9.1	34 10.57	18 43 53.9	78 48	
86	70.21	8.3	34 13.20	15 32 29.3 (½)	278 4	
184	71.17	7.8	13.29	29.4	81 58	
181	71.12	8.7	34 16.86	18 48 25.2	281 20	
189	19	8.8	16.73	24.4	78 44	
76	70.16	h.8	34 22.37	17 50 7.8	280 22	
192	71.20	8.2	22.34	7.5	79 42	
72	70.15	s.9	34 33.69	19 17 27.6	281 52	
189	71.19	9.4	33.70	27.5	78 14	
72	70.15	h.9-10	34 35.58:	19 16 35.4:	281 50	
77	70.16	8.7	34 43.70	16 53 34.1	279 26	
187	71.18	8.4	43.66	33.9	80 38	
181	71.12	8.5	34 54.22	18 54 11.8	281 26	
186	18	8.5	54.14	11.3	78 38	
76	70.16	6	35 7.59	17 45 55.2	280 18	
196	71.22	—	7.52	56.0	79 46	
85	70.20	9.1	35 8.82	15 56 28.5	278 28	
192	71.20	9.1	8.83	30.4	81 36	

[1] Com. $9^m.5$ 6″ 190°?

[2] Dieser in Z. 180: $9^m.5$

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
77	70.16	9.2	35^{m}10^s.60	16° 48′ 7″.8	279° 20′	
87	71.18	9.2	10.51	6.7	80 44	Z.190: 9^m.2
77	70.16	9.0	35 12.59	16 47 48.4	279 20	
90	71.19	9.0	12.65	40.4	80 44	
77	70.16	8.9	35 12.98	16 49 52.4	279 22	
90	71.19	8.9	12.90	52.5	80 42	
2	69.15	9.3	35 13.72(0.2)	19 43 43.8 (½)	282 10	2 F. Z.3: 8.9^m
80	71.09	9.1	13.93	47.7	282 16	
85	17	9.1	13.95	48.3	77 48	
3	69.16	s. 8	35 21.60 (½)	19 42 21.2 (½)	*282 10	
180	71.09	8.6	21.59	20.9	282 14	
185	17	8.5	21.64	21.1	77 50	
189	71.19	9.3	35 24.84	18 29 27.4	79 2	
193	21	9.2	24.78	26.4	281 2	18°1314 9^m.5
195	21	9.0	24.98	27.4	281 2	
86	70.21	9.0	35 32.34	19 16 15.8 (½)	281 48	
189	71.19	9.2	32.31	15.6	78 16	
181	71.12	9.2	35 32.51	19 36 26.7	282 8	
191	20	9.3	32.46	24.7	77 54	
191	71.20	8.7	35 35.93	20 5 19.8	77 26	
193	21	8.6	35.95	18.3	282 38	
87	70.21	8.0	35 39.50	16 15 35.5	278 46	
190	71.19	8.2	39.58	34.7 (½)	81 16	
188	71.18	8.3	35 49.27	17 58 11.0	79 34	
193	21	8.5	49.16	12.0	280 30	
192	71.20	8.1	35 51.27	18 5 0.6	79 26	
194	21	(wie 9)	51.42 (½)	0.6	280 38	
195	21	8.0	51.36	4 59.0	280 38	
76	70.16	h. 9	35 57.60	17 7 39.0	279 40	
188	71.18	8.8	57.52 (½)	41.4	80 24	
180	71.09	7.5	36 0.17	18 15 54.5	280 48	
196	22	(wie 9)	0.14	55.6 (½)	79 16	Wolken; Ort sicher
77	70.16	9.3	36 20.20	16 55 10.1	279 26	
190	71.19	9.2	20.24	11.8	80 36	sehr helle Bel.
193	71.21	9.1	36 21.53	16 33 21.1	279 6	
196	22	(wie 9.3)	21.46	21.8	80 58	sicher
77	70.16	8.6	36 23.38	16 54 13.8	279 26	
190	71.19	8.3	23.35	14.7	80 38	
191	71.20	7.8	36 27.89	18 46 37.7	78 44	
194	21	(wie 9-10)	27.79	39.0	281 18	δ zieml.
195	21	7.6	27.90	38.4 (½)	281 18	
86	70.21	9.2	36 57.68	15 53 24.5	278 24	
189	71.19	9.3	57.71	22.8	81 38	
76	70.16	s. 8	37 0.65	17 41 6.3	280 12	
192	71.20	8.3	0.57	6.8	79 50	
192	71.20	(< 9)	37 1.86	16 31 28.1	81 0	3 F. —[1]
87	70.21	9.0	37 14.33	17 18 30.1	279 50	
188	71.18	9.4	14.34	29.3	80 14	17°1372 9^m.4
180	71.09	8.2	37 14.43	20 6 42.0	282 38	
192	20	8.7	14.40	40.5	77 24	
180	71.09	9.1	37 28.14	18 12 52.9	280 44	
191	20	9.2	28.15	53.8	79 18	
2	69.15	h. 8	37 29.91 (½)	19 39 5.7 (½)	282 6	
181	71.12	8.0	29.99	6.1	282 12	
186	18	8.5	30.02	6.7	77 52	
180	71.09	8.6	37 33.47	20 7 48.5	282 40	
192	20	9.0	33.47	48.5	77 24	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
85	70.20	9.5	37^{m}40^s.12	15° 55′ 26″.5	278° 26′	
189	71.19	9.3	40.19	27.1	81 36	9^m.5 18^s v. 3′ S.
87	70.21	8.7	37 41.93	18 50 13.3	281 22	
191	71.20	9.1	41.85	13.6	78 40	
76	70.16	s. 9	37 43.35	17 51 15.2	280 22	
188	71.18	9.0	43.41	13.7	79 40	
87	70.21	9.2	37 44.76	17 3 28.7	279 34	
188	71.18	9.3	44.77	27.8	80 28	
86	70.21	9.0	37 50.19	14 58 13.7	277 30	
187	71.18	9.2	50.27	14.4	82 34	
85	70.20	8.9	37 54.33	15 43 34.1 (½)	278 14	
190	71.19	9.0	54.36	34.0	81 48	
3	69.16	s. 8-9	38 6.97 (½)	19 15 11.3 (½)	281 42	
180	71.09	8.9	7.05	12.0	281 48	
190	19	8.8	7.00	11.5	78 16	
182	71.12	8.5	38 20.82	15 36 23.5	278 8	
189	19	8.2	20.72	24.5	81 54	
182	71.12	8.5	38 26.78	15 56 28.8	278 28	
189	19	8.4	26.69	29.4	81 34	
180	71.09	9.1	38 37.69	19 17 23.8	281 50	
186	17	9.1	37.61	24.8	78 14	Bel. s. hell
77	70.16	8.5	38 47.73	16 24 43.1	278 56	
188	71.18	8.3	47.65	42.9	81 6	
181	71.12	8.9	38 48.43	19 35 7.7	282 8	
186	18	8.9	48.45	6.8	77 56	
86	70.21	8.4	39 0.69 (½)	15 18 49.8	277 50	
87	21	8.5	0.74	49.6	277 50	
187	71.18	8.7	0.66	50.1	82 12	
191	71.20	7.8	39 0.70	18 58 0.9	78 34	
193	21	7.8	0.72	1.5	281 30	
182	71.12	8.0	39 2.66	18 19 54.4	280 52	
191	20	8.5	2.62	55.1	79 12	
85	70.20	9.2	39 10.79	15 30 50.3	278 2	
189	71.19	9.2	10.70	48.4	82 0	
86	70.21	8.5	39 11.75 (½)	14 57 27.9 (½)	277 30	
187	71.18	8.7	11.86	27.0	82 34	
182	71.12	8.5	39 14.75	15 14 36.9	277 40	
187	18	8.8	14.77	36.0	82 16	15°1314 s. 9^m:
182	71.12	9.1	39 20.41	15 14 7.7	277 46	
84	70.20	h. 9	39 20.48	15 31 43.0	278 4	
85	20	9.0	20.33 (½)	43.8	278 4	3 F.
189	71.19	9.0	20.38	44.5	82 0	
77	70.16	7.3	39 35.48	16 54 12.2	279 26	
190	71.19	7.1	35.43	13.2	80 38	9^m.4 1^s v. 0′.3 N
2	69.15	9.5	39 35.58 (½)	19 41 25.3: (½)	282 8	kaum sichtb.
180	71.09	9.3	35.57	28.4	282 14	
186	18	9.1	35.52	28.0	77 50	Bel. s. hell
86	70.21	9.1	39 42.49	14 56 46.9	277 28	Z.187: 9^m.2
86	70.21	9.0	39 47.42	14 58 19.6	277 30	
187	71.18	9.2	47.49	18.7	82 32	
72	70.18	s. 9	39 50.51	19 7 30.8	281 42	Z. 3: 8-9^m
77	70.16	8.8	39 51.70 (2)	16 22 44.9	278 54	
188	71.18	8.5	51.74	43.1 (½)	81 8	
181	71.12	8.0	39 52.64	17 15 5.8	279 48	
192	20	8.2	52.70	4.8	80 16	
87	70.21	9.0	39 55.01	18 18 20.4	280 50	
189	71.19	9.3	55.00	20.3	79 14	
76	70.16	s. 8	39 59.92	17 3 31.4 (½)	279 34	
190	71.19	7.7	59.89	33.2	80 28	

[1] Hgl. —^{s}040 ang.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
74	70.15	8	40^m $0^s.80$	18° 27′ 17″.7	280° 58′	
191	71.20	7.4	0.81	19.3 (½)	79 4	
74	70.15	h. 7-8	40 5.14	18 19 37.2	280 50	
189	71.19	6.2	5.18	38.0	79 12	
76	70.16	8	40 8.65 (½)	17 6 17.3 (½)	279 38	
190	71.19	7.8	8.76	18.5	80 26	$9^m.5$ 1^s v. 1′ N.
3	69.16	h. 8-9	40 12.80 (⅓)	19 4 26.8 (⅓)	281 32	
72	70.15	9 .. s. 9	12.86	26.5	281 38	
73	15	s. 9	12.77	29.4	281 42	
186	71.17	8.6	12.80	29.6	78 28	
62	70.09	9	40 34.21	19 18 46.4	78 12	
73	15	h. 9	34.11	47.3	281 56	
74	70.15	s. 9	40 36.35	18 20 41.2	280 52	
189	71.19	9.2	36.35	40.7	79 10	
86	70.21	8.3	40 38.01	14 55 18.8	277 26	
187	71.18	8.7	38.08	18.3	82 36	
87	70.21	9.2	40 52.44	18 38 20.0	281 10	
190	71.19	9.2	52.50	20.0	78 54	
180	71.09	9.0	40 54.12	15 25 35.7	277 58	
86	70.21	8.9	40 58.58	14 53 19.1	277 24	
187	71.18	9.3	58.59	18.9	82 38	
87	70.21	9.0	41 10.57	18 27 31.6	281 0	
186	71.17	9.0	10.62	30.7 (½)	79 4	
72	70.15	9 .. s. 9	41 20.54 (½)	19 34 12.0 (½)	282 8	
186	71.17	9.0	20.53	11.4	77 58	
62	70.09	h. 9-10	41 21.33	19 21 56.6	78 8	
73	15	s. 9	21.37	58.4	282 0	
87	70.21	9.2	41 22.79	18 27 55.2	281 0	
186	71.17	9.3	22.83	53.3	79 4	
86	70.21	9.4	41 26.56	15 24 53.1	277 56	
181	71.12	9.5	26.71	53.4	277 58	
188	18	9.3	26.74 (½)	50.1	82 8	1 F.
192	20	9.5	26.84	51.2	82 6	
85	70.20	9.2	41 35.32	17 12 31.6	279 44	
84	70.20	8.9	41 36.94	17 32 25.8	280 4	
191	71.20	9.0	36.92	26.3	80 0	
84	70.20	8-9	41 46.88	17 33 23.6	280 4	
85	20	8.5	46.80	23.6	280 6	
191	71.20	8.9	46.70	23.4	79 58	
74	70.15	9	41 50.53	18 20 8.1	280 52	
189	71.19	9.1	50.48	7.9	79 12	
85	70.20	9.0	41 52.71	17 14 32.7 (½)	279 46	
192	71.20	9.0	52.81	32.3	80 16	eilig
77	70.16	9.2	42 1.91	16 36 33.3	279 8	
190	71.19	9.3	1.89	32.3	80 56	
77	70.16	9.3	42 3.09	16 35 57.0	279 8	
190	71.19	9.3	3.13	56.4	80 56	
180	71.09	8.4	42 4.55	15 52 55.4	278 26	15°1329 $9^m.0$
188	18	8.6	4.56	54.7	81 38	» 9.1
3	69.16	s. 7-8	42 16.33 (½)	19 18 26.7 (½)	*281 46	
62	70.09	8-9	16.29	24.2	78 12	
73	15	h. 8-9	16.25	24.8	281 56	
180	71.09	8.5	42 22.03	18 53 12.4	281 26	
189	19	8.7	22.02	12.1	78 38	
181	71.12	9.3	42 25.92	15 35 39.7	278 8	
192	20	9.3	25.92	39.8	81 56	eilig
182	71.12	9.1	42 30.46	15 1 12.9	277 34	
187	18	9.2	30.54	12.9	82 30	
191	71.20	7.8	42 32.40	18 7 49.1	79 24	18°1361 $9^m.1$
193	21	8.3	32.34	49.3	280 40	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
77	70.16	7.0	42^m $38^s.03$	16° 20′ 34″.0	278° 52′	
196	71.22	[wie 7.5]	38.05 (½)	34.0 (½)	81 10	
86	70.21	9.1	42 40.59	15 5 28.0	277 36	
187	71.18	9.3	40.66	28.5	82 26	
62	70.09	s. 9	42 47.96	19 20 8.6	78 10	
73	15	h. 9	48.14	10.0	281 58	
84	70.20	8 .. h. 8	42 49.96	17 43 49.8	280 16	
191	71.20	8.0	50.00	51.0	79 48	
74	70.15	h. 8-9	42 50.09	18 43 36.8	281 16	
191	71.20	8.3	50.03	38.1	78 48	
182	71.12	8.4	42 50.88	14 50 4.4	277 22	
187	18	8.6	50.97	3.3 (½)	82 42	
180	71.09	8.0	42 54.05	18 56 18.8	281 28	
189	19	8.3	54.01	20.2	78 36	
190	71.19	7.5	42 58.14	16 35 43.5	80 56	
193	21	7.8	58.17 (½)	42.7 (½)	279 8	
181	71.12	9.3	43 3.07	15 42 2.5	278 14	$9^m.3$ f. 9^s 0′.5
188	18	9.2	3.12	1.9	81 50	
87	70.21	8.3	43 6.88	20 6 23.8	282 38	
186	71.17	8.1	6.84	24.6	77 24	
62	70.09	s. 8-9	43 11.57	19 26 23.5 (½)	78 4	
73	15	8-9	11.58	22.7	282 4	
180	71.09	8.5	43 11.64	18 38 51.4	281 10	18°1367 $9^m.0$
191	20	8.3	11.57	51.3	78 52	» 9.3
188	71.18	9.2	43 12.14	15 41 26.8	81 50	Z. 181: $9^m.3$
72	70.15	9	43 15.79	19 44 35.8	282 18	
192	71.20	9.2	15.80	35.2	77 46	eilig
181	71.12	9.3	43 16.18	15 47 38.8	278 20	
192	20	9.4	16.03	37.6	81 44	
77	70.16	8.6	43 25.52	16 21 3.5	278 52	
190	71.19	8.5	25.54	2.5	81 10	
87	70.21	8.0	43 26.44	20 7 59.0	282 40	
186	71.17	7.9	26.37	57.7	77 22	
77	70.16	9.1	43 34.16	16 18 14.9	278 50	
190	71.19	9.0	34.10	15.0	81 14	
77	70.16	9.1	43 38.78	16 22 52.8	278 54	
190	71.19	9.1	38.75	51.3	81 8	
181	71.12	8.2	43 43.28	15 45 15.7	278 18	
188	18	8.5:	43.39	16.9	81 46	
86	70.21	8.4	43 44.83	15 7 0.6	277 38	
187	71.18	8.5	44.91	1.0 (½)	82 24	
182	71.12	9.2	43 45.11	15 56 32.1	278 28	
192	20	9.3	45.06	32.1	81 34	
182	71.12	9.0	43 55.87	15 20 35.9	277 52	
192	20	9.1	55.84	34.5	82 10	eilig
72	70.15	h. 9	44 2.34	18 48 40.0	281 22	
189	71.19	9.0	2.42	—	78 —	
191	20	9.0	2.38	38.2	78 42	
72	70.15	9-10	44 4.76	18 48 22.4 (½)	281 22	
86	70.21	7.3	44 6.28	15 13 18.0	277 44	
187	71.18	7.5	6.30	17.7	82 18	
72	70.15	9	44 12.28	18 43 15.7	281 18	
74	15	s. 9	12.20	17.2	281 14	
189	71.19	9.2	12.15	16.5	78 48	
72	70.15	h. 9	44 13.68	18 45 44.3	281 20	
74	15	h. 9	13.65	45.4	281 16	
189	71.19	9.0	13.68 (½)	—	78 —	3 F.
191	20	8.8	13.65	45.2	78 46	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6h			
87	70.21	9.0	44m18s.32	20° 5′34″.5	282°38′	
186	71.17	9.1	18.26	35.6	77 26	
84	70.20	8.6	44 21.39 (½)	17 4 18.7 (½)	279 36	
192	71.20	9.0	21.40	19.1	80 26	
84	70.20	8.0	44 29.32 (½)	17 49 8.9 (½)	280 20	
191	71.20	8.0	29.27	9.5	79 42	
62	70.09	8-9	44 35.77	19 49 14.2	77 42	
73	15	9‥s.9	35.79	15.2	282 26	
182	71.12	9.3	44 38.41	16 9 15.5	278 42	sicher
188	18	9.2	38.38	16.4	81 22	
74	70.15	h.9	44 39.33	18 54 45.4 (½)	281 26	
189	71.19	9.0	39.27	44.5	78 36	
182	71.12	8.3	44 39.37	16 45 31.8	279 18	
190	19	8.4	39.28	31.1	80 46	
87	70.21	9.0	44 45.12	20 6 14.3	282 38	
186	71.17	9.0	45.14	14.4	77 26	
77	70.16	8.7	44 53.14	16 10 2.6	278 42	
188	71.18	8.5	53.21	3.6	81 22	
77	70.16	9.3	45 8.57	16 53 29.6	279 24	
190	71.19	9.5	8.49	31.1	80 38	
77	70.16	9.0	45 20.64	16 9 15.6	278 40	9m.2 s. v.
188	71.18	9.0	20.56	15.2	81 22	9.2 2s v. 1′.5 S.
74	70.15	s.9	45 33.22	18 26 45.6	280 58	
77	70.16	9.3	45 43.31	16 24 34.4	278 56	
189	71.19	9.4	43.34	34.8	81 6	
74	70.15	9‥h.9	45 45.93	19 35 36.7	282 6	
186	71.17	8.5	45.92	36.2	77 56	
87	70.21	9.2	45 47.12	20 3 22.4	282 34	
186	71.17	9.3	47.09	21.1	77 28	
86	70.21	8.5	45 49.60	15 46 26.3	278 18	
187	71.18	8.5	49.71	26.8	81 46	
86	70.21	9.0	45 53.47	15 39 31.4	278 12	
191	71.20	9.2	53.52	31.7	81 52	
74	70.15	9	45 55.05	18 26 4.2	280 58	
186	71.17	8.7	55.10	3.8	79 6	
87	70.21	8.9	45 58.94 (½)	15 14 0.3 (½)	277 46	
187	71.18	8.5	58.90	13 59.0 (½)	82 18	
62	70.09	9	46 5.72	19 25 0.2	78 6	
73	15	s.9	5.78	3.3	282 2	
87	70.21	8.4	46 7.72	15 58 22.9	278 30	
191	71.20	8.8	7.60	21.4	81 32	
180	71.09	9.2	46 16.26	16 15 21.4 (½)	278 48	
188	18	9.1	16.28	21.3	81 16	
86	70.21	8.9	46 37.07	15 44 6.7	278 16	
187	71.18	9.1	37.02	7.0	81 48	
87	70.21	7.8	46 44.14	14 54 14.6	277 26	
191	71.20	8.0	44.17	15.1	82 36	
84	70.20	9.0	46 46.65	17 46 49.6	280 18	
189	71.19	9.1	46.65	48.9	79 44	
62	70.09	s.9	46 56.32	19 43 10.1	77 48	
62	70.09	8-9	46 59.83	19 44 52.8	77 46	
73	15	8-9	59.81	53.1	282 22	
62	70.09	9	47 4.88 (½)	19 46 20.2	77 44	
73	15	s.9	4.81	19.9	282 24	
77	70.16	8.7	47 17.35	16 41 1.1	279 12	
190	71.19	8.6	17.42	0.7	80 50	
86	70.21	9.1	47 21.60	15 35 32.1	278 8	
188	71.18	9.0	21.63	31.1	81 56	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6h			
84	70.20	8.3	47m23s.18 (½)	17°50′18″.2 (½)	280°22′	
186	71.18	7.5	23.18	17.7	79 42	
62	70.09	9	47 23.92	19 42 12.1	77 48	
73	15	9	23.97	13.0	282 20	
77	70.16	7.1	47 29.29	15 59 32.1	278 30	
190	71.19	6.6	29.29 (½)	31.6 (½)	81 32	
84	70.20	8.7	47 38.36	17 7 48.9	279 40	
189	71.19	8.5	38.27	50.6	80 24	
86	70.21	8.6	48 9.90	15 50 7.4	278 22	
187	71.18	8.5	9.89	6.5	81 42	
87	70.21	9.4	48 21.31	15 22 47.2	277 54	
187	71.18	9.4	21.27	46.6	82 8	Bem.[1]
189	19	9.5	21.35	47.3	82 8	
87	70.21	9.2	48 27.50	15 44 28.5	278 16	
187	71.18	9.4	27.38	26.6 (½)	81 47	
74	70.15	h.8‥s.7-8	48 34.77	18 39 1.6	281 10	
186	71.17	7.7	34.72	1.5	78 52	
74	70.15	8	48 52.11	18 57 30.0	281 28	
186	71.17	8.0	52.02	30.2	78 34	
84	70.20	7.6	49 0.25	17 53 49.1 (½)	280 26	
190	71.19	7.1	0.20	48.9	79 38	
86	70.21	8.4	49 3.21	15 25 29.8	277 58	
188	71.18	8.1	3.30	29.3	82 6	
2	69.15	9.5	49 7.58 (0.1)	19 49 41.5 (½)	282 16	zu schwach
73	70.15	h.9-10	7.51	46.4	282 26	Z. 62: 9-10m
74	15	s.9	7.64	44.3	282 20	
189	71.19	9.3	7.46	44.1 (½)	77 42	
191	20	9.2	7.51	44.5	77 42	
87	70.21	9.3	49 10.66	15 14 27.2	277 46	
187	71.18	9.2	10.71	27.2	82 16	
186	71.18	9.2	49 37.00	19 48 19.6	77 44	
191	20	9.4	36.87	18.2	77 44	
3	69.16	8	49 37.88 (½)	19 38 10.4 (½)	282 6	
62	70.09	h.8-9	37.84	9.7	77 52	
73	15	8-9	37.93	10.6	282 14	
191	71.20	9.4	49 42.37	19 52 50.1	77 38	
78	70.16	8.6	49 54.41	15 45 2.9	278 16	
84	20	(9.4 W.)	54.33	4.1	278 16	
188	71.18	8.5	54.36	2.6	81 46	
62	70.09	h.8-9	49 55.73	19 39 36.0	77 50	Z. 3: 8m
73	15	8-9	55.67	38.7	282 16	
74	70.15	9‥s.9	49 56.75	18 3 31.2	280 34	
86	70.21	9.0	49 59.67	14 53 14.1	277 24	
187	71.18	9.0	59.65	14.8	82 38	
180	71.09	7.8	50 10.39	19 53 42.3	282 26	
186	17	7.2	10.44	42.6	77 38	
87	70.21	9.2	50 14.90	15 20 20.9	277 52	
187	71.18	9.1	15.02	20.9	82 10	
180	71.09	9.3	50 17.58	19 44 50.5	282 16	
186	17	9.1	17.45	48.3	77 46	
86	70.21	9.2	50 25.05 (½)	14 49 35.3	277 20	
187	71.18	9.3	24.90	35.7	82 42	
74	70.15	h.7-8	50 26.11	18 3 54.9	280 34	18°1421 9-10m
189	71.19	7.0	26.07	54.6	79 28	
77	70.16	8.5	50 36.64	16 44 52.2	279 16	
188	71.18	8.2	36.69	51.7	80 46	
77	70.16	8.6	50 43.10	16 48 38.6	279 20	
188	71.18	8.7	43.08	37.2	80 42	

[1] 2 ∗∗?? (8″ 45° ±±). δ etwas unsicher

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6ʰ			
2	69.15	9	50ᵐ 43ˢ.27 (½)	16° 5′ 25″.4 (½)	281 32	2 F; s. schw.
62	70.09	9	43.26	22.9	78 24	
73	15	9 - 8.9	43.31 (½)	24.8 (½)	281 42	
182	71.12	8.7	50 52.64 (½)	16 53 20.8 (½)	279 26	
190	19	8.5	52.68	20.9	80 58	
180	71.09	8.7	51 2.35	16 2 36.3	278 34	
188	18	8.9	2.40	37.2	81 28	
86	70.21	9.3	51 4.67	14 50 50.0 (½)	277 22	
87	21	9.3	4.54	50.0	277 22	
187	71.18	9.3	4.51	49.4	82 40	
3	69.16	8.7	51 10.97 (½)	19 23 13.6 (½)	281 50	
62	70.09	8	10.97	13.5	78 6	
73	15	h.8	10.95	14.8	282 0	
74	70.15	9	51 19.08	18 3 3.8	280 34	
189	71.19	9.1	19.01	3.6	79 28	
84	70.20	[9.3 W.]	51 23.19	17 38 0.1	280 10	
190	71.19	8.6	23.10	1.3	79 54	
74	70.15	8.8-9	51 29.15	18 0 39.1	280 32	
189	71.19	8.0	29.15	38.8	79 30	
180	71.09	8.2	51 51.16	18 53 17.2	281 24	
186	17	8.3	51.16	16.6	78 38	
180	71.09	8.9	51 53.27	18 53 42.6	281 26	
186	17	9.1	53.38	44.3	78 38	
77	70.16	7.8	51 54.37	16 12 29.1	278 44	
188	71.18	8.0	54.38	28.6	81 18	
78	70.16	8.9	51 54.98	15 43 0.1	278 14	
187	71.18	8.9	55.00	42 59.4	81 48	
77	70.16	7.9	51 55.74	16 17 26.5	278 48	
188	71.18	8.0	55.71	27.9	81 14	
74	70.15	9	52 4.19	17 59 50.2	280 32	
189	71.19	9.1	4.13	49.6	79 32	
84	70.20	[9.4 W.]	52 5.94	17 42 12.3	280 14	
190	71.19	8.0	5.88	11.6	79 50	
84	70.20	[9.3]	52 7.64 (½)	17 21 53.0	279 54	
182	71.12	8.5	7.64	52.9	279 54	
189	19	8.8	7.72	52.6	80 10	
87	70.21	9.2	52 11.10	16 14 6.5	278 46	
190	71.19	9.2	11.13	6.3	81 18	
182	71.12	9.4	52 13.34 (½)	17 21 24.9 (½)	279 54	
78	70.16	8.4	52 14.28 (½)	15 43 50.1 (½)	278 15	
187	71.18	8.5	14.24	50.0	81 48	
86	70.21	9.2[1]	52 27.26	15 27 42.0	278 0	
191	71.20	9.2	27.21	40.9	82 4	
77	70.16	8.8	52 34.81	16 19 26.0	278 50	
190	71.19	9.1	34.81	26.8	81 12	
181	71.12	7.1	52 39.84	16 6 38.1 (½)	278 38	
188	18	7.2	39.91	38.0	81 24	
86	70.21	8.8[1]	52 53.99	15 54 10.9	278 26	
191	71.20	8.2	54.05	10.4	81 38	
74	70.15	9	53 0.45	18 50 17.5	281 22	
186	71.17	9.0	0.42	16.1	78 42	
87	70.21	8.5	53 3.36	15 13 4.5	277 44	
192	71.20	8.8	3.27	3.7	82 18	
77	70.16	6.0	53 4.84	16 14 58.7	278 46	
188	71.18	5.5	4.71	58.7	81 16	
78	70.16	7.5	53 8.65	15 42 22.4	278 14	
187	71.18	7.5	8.67	22.9	81 50	
			6ʰ			
78	70.16	8.9	53ᵐ 10ˢ.04	15° 34′ 7″.6	278 6	
192	71.20	9.0	10.11	8.4	81 58	
86	70.21	8.9[1]	53 12.11	15 58 13.1 (½)	278 31	
191	71.20	8.5	12.17	13.5	81 34	
182	71.12		53 15.27	15 27 34.7	278 0	
192	20	7.5	15.30	35.1	82 4	15 1411
180	71.09	8.8	53 17.57	18 20 3.0	280 52	
186	17	8.8	17.41	4.3	79 12	
84	70.20	8.5	53 25.30	17 7 52.6	279 40	
192	71.20	7.5	25.30	53.0	80 24	
2	69.15	8.8-9	53 35.31 (½)	19 5 23.6 (½)	281 32	Z. 3: h.9
62	70.09	8	35.28	24.6	78 24	
73	15	8-9	35.23	25.3	281 42	
74	70.15	9	53 38.85	18 6 48.2	280 38	
189	71.19	9.1	38.70	49.2	79 24	
3	69.16	8.8	53 42.43 (½)	19 3 6.3 (½)	281 30	
62	70.09	h.8	42.31	6.3	78 28	
73	15	8-9	42.33	4.9	281 40	
180	71.09	8	53 45.72	19 47 9.0	282 20	
186	17	8.3	45.71	10.8	77 44	
181	71.12	8.0	53 48.33	19 23 18.1	281 50	
188	18	7.8	48.31	18.2	78 8	
187	71.18	9.2	53 55.17	15 38 27.8	81 54	
62	70.09	9-10	53 57.50	19 2 30.2	78 28	
73	15	9-10	57.50 (½)	32.2	281 40	3 F
77	70.16	7.5	54 0.70	16 16 45.3	278 48	
188	71.18	8.0	0.73	45.4	81 14	
78	70.16	9.0	54 1.20	15 50 10.4	278 22	
191	71.20	9.1	1.16	11.6	81 42	
84	70.20	8.9	54 5.02 (½)	17 58 14.0	280 30	3 F
180	71.09	8.6	5.04	13.4	280 30	
190	19	9.0	5.84	13.5 (½)	79 32	
87	70.21	8.2	54 10.13	15 24 30.6	277 56	
187	71.18	8.5[1]	10.08	29.0	82 8	
86	70.21	9.3[1]	54 11.62	15 39 29.0	278 12	
87	21	9.0	11.60 (½)	28.4 (½)	278 11	
187	71.18	9.1	11.54 (½)	28.9	81 52	1 F
191	20	9.2	11.62	28.6	81 52	
78	70.16	8.8	54 21.89	15 51 10.1	278 22	
191	71.20	9.0	22.00	9.9	81 40	
74	70.15	8.7-8	54 28.72	18 9 1.0	280 40	
189	71.19	7.8	28.73	0.9	79 22	
78	70.16	8.2	54 40.59	15 1 19.0	277 32	
191	71.20	8.4	40.63	20.0	82 30	[illegible]
62	70.09	h.9	54 48.39	19 38 10.8	77 52	
73	15	9	48.35	11.7	282 16	
74	70.15	9-h.9	54 53.77	18 9 7.7	280 40	
189	71.19	8.8	53.79 (½)	8.4	79 22	2 F
77	70.16	8.6	54 58.60	16 20 41.0	278 52	
188	71.18	8.7	58.66	40.7 (½)	81 10	
84	70.20	9	55 2.05	17 48 20.4	280 26	
190	71.19	8.8	2.01	19.7 (½)	79 42	
3	69.16	h.9	55 2.64 (½)	19 24 24.8 (½)	281 52	
182	71.12	8.8	2.70 (½)	24.2 (½)	281 56	
186	17	8.8	2.70	25.1	78 6	19° 158
186	71.17	9.1	55 7.00	19 26 4.6	78 0	
181	71.12	8.8	55 8.20	19 28 28.0	282 0	Z 190

[1] In Z. 86 Cirri. 0ᵐ.3 zu schwach geschätzt.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
87	71.18	6	$55^m\ 8^s.76$	15° 30′ 47″.4	82° 0′	
93	21	7.0*	8.67	45.7 (½)	278 4	* schw. röthl.
84	70.20	7	55 9.15	17 55 52.3	280 28	
90	71.19	6.7	9.32	50.4	79 34	
86	70.21	9.0[1]	55 15.49	14 50 20.4	277 22	
91	71.20	8.6	15.39	20.9	82 40	
92	71.20	7	55 20.56	16 51 7.0 (½)	80 40	
93	21	7.3	20.52	6.0	279 24	
181	71.12	8.5	55 21.51	18 30 21.3	281 2	
190	19	9.0	21.53	20.6	79 0	18°1454 $9^m.4$
77	70.16	8.5	55 26.97	16 9 9.0	278 40	
188	71.18	8.4	27.03	10.1	81 22	16°1367 $9^m.1$
180	71.09	9.2	55 30.98	18 0 40.7	280 32	
189	19	9.2	30.95	40.7	79 30	
180	71.09	8.5	55 39.79	18 3 8.5	280 34	
189	19	8.3	39.86	8.7 (½)	79 28	
78	70.16	8.9	55 50.55	15 26 37.2	277 58	
87	21	8.5	50.52	38.4	277 58	
184	71.17	8.0	50.57	36.0	82 4	
87	70.21	9	56 7.75	15 25 35.1	277 56	
184	71.17	8.5	7.83	32.5	82 6	
87	70.21	9.0	56 7.84	15 42 52.9	278 14	
188	71.18	9.2	7.84	50.8	81 48	
182	71.12	(7.9)	56 9.19	19 24 9.8	281 56	
186	18	7.5	9.25	9.9	78 8	$9^m.2$ 4ˢv. 2″S.
181	71.12	8.8	56 10.34	15 11 16.4	277 44	
191	20	9.0	10.28	17.8	82 20	
181	71.12	7.9 sic	56 10.95	18 33 0.3	281 6	
190	19	8.5	10.92	0.2	78 58	
86	70.21	9.0[1]	56 —	14 50 18.6	277 22	
181	71.12	9.1	22.58	14.3	277 22	
187	18	9.2	22.55	17.7	82 40	
77	70.16	8.5	56 41.64	16 21 47.2	278 54	
188	71.18	8.3	41.63	47.7	81 10	
182	71.12	9.0	56 49.05	15 26 49.0	278 0	
184	17	8.4	49.14	48.1	82 4	15°1441 $8^m.5$
86	70.21	8.7[1]	56 —	14 51 41.5	277 24	
181	71.12	7.9	49.15	41.9	277 24	
187	18	8.0	49.25	43.0	82 40	
180	71.09	7.1	56 50.63	18 51 2.7	281 24	
190	19	7.3	50.47	2.5	78 40	
182	71.12	(9.4)	56 57.49	17 54 46.0	280 28	
189	19	9.0	57.56	45.2	79 36	
193	21	9.1	57.57	45.8	280 28	
180	71.09	8.4	57 4.71	18 15 2.0	280 48	
192	20	8.8	4.61	1.1	79 16	
186	71.18	9.0	57 5.88	19 1 46.3	78 30	
190	19	9.1	5.78	46.2	78 30	$9^m.5$ 3′ s.f.
193	21	9.2	5.79	44.4 (½)	281 34	
194	21	[= 9.4]	5.81	46.0	281 34	
78	70.16	9.2	57 9.19	15 3 48.0	277 36	
187	71.18	9.0	9.16	47.9	82 28	
182	71.12	(8.4)	57 12.35	15 25 17.5	277 58	
184	17	7.5	12.33	18.0	82 4	
78	70.16	8.1	57 13.41	15 3 30.5	277 36	
187	71.18	7.6	13.38	32.8	82 28	
180	71.09	8.7	57 18.08	18 54 27.8	281 26	
186	17	8.6	18.03	26.9	78 36	

[1] In Z. 86 Cirri, $0^m.3$ zu schwach geschätzt

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
181	71.12	8.5	$57^m\ 19^s.36$	15° 44′ 9″.7	278° 16′	
188	18	9.2	19.22	8.4	81 48	etw. uns.
74	70.15	9-10	57 22.02	18 21 36.9	280 54	
84	70.20	(9.5)	57 22.64:(½)	17 13 38.7:(½)	279 46	
85	20	8.8	22.59	38.4	279 46	
190	71.19	8.7	22.56	38.6	80 18	
189	71.19	9.0	57 22.92	16 55 57.5 (½)	80 36	
191	71.20	8.6	57 26.46	16 0 55.7	81 30	
193	21	8.9	26.48	54.0	278 34	
182	71.12	(9.2)	57 26.99	15 26 55.7	278 0	
184	17	8.9	26.99	55.0	82 4	
77	70.16	8.8	57 27.18	16 20 48.7	278 52	
188	71.18	9.0	27.22	48.4	81 10	
188	71.18	9.4	57 28.97	16 21 46.9	81 10	3 F.
74	70.15	9-10	57 30.75	18 21 54.1	280 54	
192	71.20	9.1	30.75	53.3	79 10	s. helle Bel.
77	70.16	8.9	57 44.12	16 24 24.2	278 56	
188	71.18	8.8	44.13	24.9	81 8	
182	71.12	(9.7)	57 48.16	15 11 48.7	277 44	
191	20	9.3	47.79	49.4	82 20	
194	21	9.1	47.81	49.0	277 44	
185	71.17	8.5	57 52.45	20 0 34.3	77 32	
193	21	8.7	52.53	33.5	282 32	
180	71.09	9.3	57 57.41	15 30 7.1	278 2	
184	17	9.0	57.42	5.8	82 2	
181	71.12	8.0 sic	58 2.41	16 55 37.7	279 28	
189	19	8.5	2.31	38.0	80 36	
194	21	8.3	2.38	38.3	279 28	
77	70.16	8.1	58 9.96 (½)	16 33 26.2 (½)	279 4	
188	71.18	7.8	9.86	26.2	80 58	
87	70.21	9.2	58 —	15 34 42.8	278 6	
180	71.09	9.2	16.93	42.6	278 6	
185	17	9.0	16.89	42.7	81 56	
184	71.17	—	58 21.48	15 32 6.2	82 0	Z.180: $9^m.2$,
62	70.09	s. 9:	58 34.89	19 56 23.6	77 34	[185: $9^m.2$
73	15	9 ·· s.9	34.73	25.4	282 34	
85	70.20	9.0	58 35.98	17 36 55.9	280 8	
189	71.19	8.8	35.89	55.8	79 54	
85	70.20	9.5	58 38.36	17 36 15.6	280 8	
86	70.21	9.3[1]	58 39.91	15 12 35.3	277 44	
184	71.17	9.1	40.07	35.0	82 20	
88	70.22	8.6	58 45.18	19 14 28.3	281 46	
186	71.18	8.7	45.17	28.0	78 16	
78	70.16	9.1	58 46.16	15 7 11.0	277 38	
187	71.18	8.3	46.11	10.5	82 24	
78	70.16	7.4	58 47.80	15 22 8.6 (½)	277 54	
187	71.18	7.4	47.77	8.6	82 10	
84	70.20	—	59 1.69 (½)	17 55 —	280 —	
85	20	7.6	1.59	57.3	280 28	
189	71.19	7.3	1.60	57.2	79 36	
62	70.09	9	59 4.50	19 4 16.4	78 26	
73	15	9 ·· h.9	4.57	15.7	281 42	
62	70.09	7-8	59 16.61	19 17 57.4	78 12	
73	15	s. 8	16.60	56.7	281 56	
88	22	8.0	16.62	57.0	281 50	
86	70.21	9.5[1]	59 31.88	15 48 —	278 —	
87	21	9.3	—	41.9	278 20	
187	71.20	9.3	31.80	40.9	81 42	
193	21	9.3	31.83	40.9	278 20	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			6^h			
77	70.16	8.1	$59^m34^s.71$	16° 52′ 0″.1	279°22′	
188	71.18	7.8	34.60	0.3	80 40	
74	70.15	9..h.9	59 46.87	18 37 13.8	281 8	
186	71.17	8.5	46.87	12.8	78 54	
180	71.09	9.0	59 57.52	17 1 49.5	279 34	$9^m.4$ 10″ 260°
190	19	9.1	57.33	50.5	80 30	9.5 1″ v. 260°
			7^h			
3	69.16	8-9	0 2.57 (½)	19 24 12.5 (½)	281 52	
182	71.12	(9.5)	2.45	12.6	281 56	
185	17	8.6	2.46	12.3	78 8	
77	70.16	8.2	0 5.18	15 59 34.3	278 30	
187	71.18	8.0	5.12	36.6	81 32	
88	70.22	9.0	0 12.27	18 31 25.9	281 2	
186	71.18	8.9	12.27	25.3	79 0	
85	70.20	8.2	0 16.51	17 46 34.0	280 18	
190	71.19	8.2	16.49	33.8	79 44	
87	70.21	9.3	0 —	16 24 7.8	278 56	
181	71.12	9.2	17.16	6.7	278 56	
188	18	9.2	17.12	8.4	81 8	
181	71.12	8.6	0 26.86	17 13 52.2	279 46	
182	12	(9.5)	[27.06]	[46.6::]	279 46	
189	19	9.1	26.84	52.5	80 18	
193	21	9.0	26.94	51.6	279 46	Z.195: $9^m.4$
181	71.12	9.1	0 30.33	17 14 25.1	279 46	
189	19	9.4	30.24	26.2	80 18	
194	21	9.3	30.27	26.7	279 46	Z.193: $9^m.3$
195	21	9.1	30.37	26.2 (½)	279 46	
192	71.20	9.5	0 39.14	17 5 23.6	80 26	
78	70.17	8.2	0 51.72	15 43 44.5	278 16	
184	71.17	7.8	51.69	44.3	81 48	
180	71.09	9.2	0 53.68	17 2 13.4	279 34	
190	19	9.1	53.50	15.7	80 30	17°1501 s.9^m
74	70.15	9	0 55.39	18 3 30.8	280 34	
186	71.17	8.9	55.42	31.5	79 28	
85	70.20	8.7	0 58.22	17 32 2.8	280 4	
189	71.19	8.5 *	58.21	2.4	80 0	* etw. zfl.
88	70.22	9.2	0 59.88	18 12 11.6	280 44	
186	71.18	9.1	59.91	11.4	79 20	
78	70.17	8.2	1 3.51	15 43 19.4 (½)	278 15	
184	71.17	8.0	3.55	19.2	81 48	
77	70.16	8.9	1 8.25	16 49 45.1	279 20	
188	71.18	9.0	8.22	45.7	80 42	
182	71.12	(9.8)	1 9.70::(½)	18 16 27.9::(½)	280 48	
186	18	9.2	9.81	29.8	79 16	
193	21	9.1	9.75	29.5	280 48	
87	70.21	7.3	1 10.83 (½)	16 19 49.7	278 52	
188	71.18	7.5	10.77	48.4	81 12	
192	71.20	7.0	1 11.82	16 7 42.7	81 24	
194	21	7.0	11.76	43.7	278 40	
74	70.15	8	1 19.75	18 29 46.1	281 0	
186	71.17	7.8	19.77	45.2	79 2	18°1496 h.9^m
85	70.20	8.5	1 23.55	17 32 56.8	280 4	
189	71.19	8.5	23.56	56.4	79 58	
191	71.20	7.4	1 28.40	17 51 8.1 (½)	79 40	zitternd
194	21	8.0	28.31	8.9	280 24	
2	69.15	—	1[32.67::]	19 31 30.3::(½)	281 58	ä. schw., s. uns.
88	70.22	8.7	33.22	27.4	282 4	
185	71.17	8.5	33.24	27.4	78 0	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
180	71.09	{ 8.7	$1^m33^s.59$	17° 6′ 22″.3	279°38′	} Dpl. 8″ 350°
		{ 8.4	33.71	13.7	279 38	
190	19	{ 8.9	33.57	22.5	80 26	} " 8 355
		{ 8.7	33.64	14.5	80 26	
77	70.16	8.0	1 34.30	16 41 26.8 (½)	279 13	
192	71.20	8.5	34.30	25.8	80 50	
187	71.18	9.3	1 35.48	15 35 44.0	81 56	
194	21	9.3	35.39	46.6	278 8	
195	21	9.2	35.43	46.2	278 8	
74	70.15	9	1 36.95	18 30 30.5	281 2	
186	71.17	8.6	36.91	30.1	79 2	
3	69.16	9	1 41.73 (½)	19 16 5.8 (½)	281 44	
62	70.09	9	41.89	5.4	78 14	
73	15	s.9	41.76	6.9	281 54	
180	71.09	9.2	1 41.88	17 8 34.4	279 40	δ etw. uns.
181	12	9.1	41.90	33.6	279 40	
190	19	9.2	41.86	34.1	80 22	
193	21	8.7	41.93	34.7	279 40	
78	70.17	8.9	1 43.10	15 42 36.4	278 14	
184	71.17	8.3	43.13	35.8	81 48	
86	70.21	9.3[1]	1 43.53	15 50 43.7	278 22	
181	71.12	9.0	43.61	42.6	278 22	
187	18	9.2	43.54	43.6	81 40	
194	21	9.0	43.53	45.2	278 22	
185	71.17	7.5	1 47.33	19 44 35.9	77 46	
195	21	7.6	47.42	37.3 (½)	282 16	
62	70.09	s.8-9	1 53.50	19 14 25.9	78 16	Z.3: s.8-9^m
73	15	h.9	53.52	26.6	281 52	
78	70.16	8.4	1 57.73	15 37 42.4	278 10	
86	21	8[1]	57.84	42.6	278 10	
182	71.12	(8.8)	57.92	41.2	278 10	
184	17	8.4	57.69	40.6	81 54	
187	18	7.9	57.70	40.9	81 54	Z.194: h.9^m
6	69.19	—	2 4.31 (0.5)	18 13 31.7 (½)	280 40	Wolken
191	71.20	8.4 zfl.	4.35	31.7	79 18	
194	21	8.5	4.31	31.5	280 46	
192	71.20	8.8	2 7.45	18 44 49.1 (½)	78 46	
195	21	8.3	7.48 (½)	49.6 (½)	281 16	
187	71.18	9.2	2 10.54	15 50 18.8	81 40	15°1483 $9^m.3$
77	70.16	8.0	2 11.25	16 45 5.8	279 16	
188	71.18	8.0	11.21	7.5	80 46	
85	70.20	9.0	2 11.44	17 51 19.5	280 22	
191	71.20	9.0	11.51	17.7 (½)	79 40	
87	70.21	9.1	2 19.89 (½)	16 20 50.1	278 52	
191	71.20	9.2	19.81	50.7	81 10	
193	21	9.1	19.87	50.4	278 54	
62	70.09	s.8-9	2 20.44	19 28 41.8	78 2	
73	15	8-9	20.38	42.1	282 6	
74	70.15	h.9-10	2 31.06	18 33 27.6 (½)	281 5	
189	71.19	9.2	30.97	27.6	78 58	
182	71.12	8.7	2 33.95	18 25 27.8	280 58	
192	20	8.5	33.80	27.5	79 6	
88	70.23	8.0	2 36.54	19 2 35.8	281 34	
185	71.17	8.1	36.53	35.2	78 28	
181	71.12	9.0	2 38.09	16 23 38.3	278 56	
191	20	9.2	37.95	38.7 (½)	81 8	
193	21	9.0	37.93	37.4	278 56	
194	21	9.0	38.07	38.5	278 56	
180	71.09	9.3	2 49.18	16 59 6.9	279 32	
190	19	9.3	49.00	8.7	80 32	$9^m.4$ f.3″ 1′N.

[1] In Z.86 Cirri, $0^m.3$ zu schwach geschätzt

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
74	70.15	9	$2^m53^s.36$	18°38′31″.5	281°10′	
89	71.19	9.2	53.26	31.6 (½)	78 54	
3	69.16	8-9	2 56.35 (⅓)	19 9 18.0 (½)	281 36	
80	71.09	8.3	56.18	19.5	281 42	
85	17	8.5	56.19	19.0 (½)	78 22	
88	70.22	9.0	3 1.37	19 22 32.1 (½)	281 54	
86	71.18	8.8	1.42	32.3	78 10	
74	70.15	8-9	3 6.03	18 37 56.3	281 10	
89	71.19	9.3	6.04	56.2	78 51	
86	70.21	9.5[1]	3 11.40:(⅓)	15 48 31.2	278 20	
87	21	9.0	11.40	31.9	278 20	
84	71.17	9.2	11.42	32.9	81 42	
81	71.12	7.8	3 11.90	20 0 13.5 (½)	282 32	
85	17	8.0	11.89	14.3	77 30	
62	70.09	9	3 18.30	19 30 39.4	78 0	
73	15	9··s.9	18.28	39.4	282 8	
2	69.15	—	3 19.41:(0.1)	19 31 47.7 (½):	282 0	3 F.
62	70.09	9··h.9	19.55	46.4	77 58	
73	15	9	19.59	46.0	282 8	
78	70.17	9.2	3 23.83	15 55 50.7	278 28	
184	71.17	9.2	23.90	50.3	81 36	
85	70.20	9.0	3 30.24	17 40 29.3	280 12	
190	71.19	9.0	30.20	28.7	79 52	
77	70.16	9.2	3 38.76 (½)	16 46 40.3 (½)	279 18	
191	71.20	9.2	38.72	40.0	80 44	
192	20	9.1	38.77	39.9	80 44	
88	70.23	9.2 W.?	3 43.77	19 4 26.5	281 36	
185	71.17	8.9	43.81	27.9	78 26	
186	71.18	9.2	3 47.76	18 30 6.8	79 2	
74	70.15	h.9	3 52.02	18 47 45.5	281 20	
190	71.19	9.1	51.97	43.9	78 44	
193	71.21	10.3	3 54.01	15 0 12.5	277 32	unsicher
194	21	9.5	54.25 (½)	12.9 (½)	277 32	
196	22	9.7	54.02 (2)	13.1 (2)	82 31	
78	70.17	9.3	3 58.60	15 56 24.6	278 28	
184	71.17	9.3	58.68	23.6	81 34	
86	70.21	(wie 8.5)	4 8.43	15 32 9.5	278 4	
187	71.18	7.3	8.45	9.2	81 58	
85	70.20	9.0	4 17.21	17 36 42.1	280 8	
189	71.19	8.8	17.18	42.4	79 54	17°1515 9^m.4
180	71.09	8.0	4 26.94	20 5 24.5	282 38	
185	17	8.3	26.79	25.7	77 26	
78	70.17	9.0	4 31.69	15 21 17.0	277 52	
184	71.17	8.5	31.66	16.6	82 10	
3	69.16	h.9	4 32.68 (½)	19 29 3.1 (½)	281 56	
62	70.09	9··s.9	32.63	2.6	78 2	
73	15	9··s.9	32.70 (½)	2.4 (½)	282 6	
83	70.19	7.3	4 33.54	17 10 53.7	279 42	
85	20	6.8	33.50	53.7 (½)	279 42	
190	71.19	7.1 orge	33.65	53.9	80 20	
88	70.22	9-10	4 [36.8 ±]	19 21 [7 ±]	281 52	
180	71.09	9.4	36.44	6.9	281 54	
185	17	9.2	36.42	6.8	78 10	Bel. zu hell
78	70.17	8.8	4 52.97	15 22 26.0	277 54	
184	71.17	8.3	52.97	23.7	82 8	
87	70.21	8.5	4 57.98	14 59 47.4	277 32	
187	71.18	8.7	58.01	45.3 (½)	82 30	
192	20	8.5	58.13 (½)	46.2 (½)	82 32	3 F.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
86	70.21	9.2[1]	$5^m\ 0^s.37$:(½)	14°51′50″.8:(½)	277°24′	
180	71.09	8.6	0.22	50.9	277 24	
191	20	9.2	0.29	52.2	82 40	
74	70.15	h.9	5 1.90	18 51 34.1	281 24	Dpl. 1″.5 180°?
186	71.17	8.5	1.90	33.7	78 40	
87	70.21	9.0	5 12.29	14 54 48.3	277 26	Z.86: 9^m.3[1]
187	71.18	9.2	12.32	49.2	82 36	
191	20	9.2	12.37	49.7	82 36	
86	70.21	9.3[1]	5 14.35:(½)	14 53 31.2:(½)	277 26	
87	21	8.9	14.14	29.3	277 26	
187	71.18	9.1	14.27	30.4	82 36	
191	20	9.0	14.24	33.6	82 38	
192	71.20	9.8	5 19.54 (½)	14 59 49.1 (½)	82 32	3 F. — Bem.[3]
77	70.16	8.3	5 31.25	16 17 31.5 (½)	278 49	
83	19	8.2	31.15	31.6	278 50	
189	71.19	8.3	31.27	30.8	81 14	
87	70.21	8.9	5 31.56	15 29 7.1	278 0	
187	71.18	9.1	31.51	5.6	82 2	
85	70.20	9.3	5 34.04	17 13 17.5	279 46	
188	71.18	9.2	34.03 (½)	18.3	80 18	
191	71.20	9.5	5 36.34	14 53 4.0	82 38	
78	70.17	8.2	5 40.54	15 23 10.2	277 54	9^m.0 4″ 160°
83	19	{ 8.5	40.44	9.8	277 54	} Dpl. 5″ 150°
		9.2	40.64	7.0	277 54	
184	71.17	{ 7.5	40.45	10.0	82 8	} » 3 170
		9.0	40.56	6.6	82 8	
87	70.21	8.8	5 42.50	15 33 5.5	278 4	
187	71.18	8.6	42.52	3.5	81 58	
2	69.15	—	5 55.54 (0.4)	19 7 47.3::(½)	281 36	kaum sichtb.
62	70.09	8··h.8	55.40	48.0	78 22	
73	15	s.8	55.35 (½)	48.9 (½)	281 44	
85	70.20	9.0	5 58.21	17 8 49.3	279 40	
188	71.18	8.9	58.24	48.7	80 22	
77	70.16	6.0	6 11.54	16 22 8.8	278 54	
83	19	6.3	11.55	9.4	278 54	
189	71.19	6.0 orge	11.52	8.6	81 10	
78	70.16	9.0	6 20.82	15 25 48.0	277 58	
83	19	8.9	20.88	45.6	277 58	
184	71.17	9.1	20.91	47.4	82 6	
3	69.16	9	6 25.31 (½)	19 25 16.1 (½)	281 52	
62	70.09	9··s.9	25.18	15.6	78 4	
73	15	9··s.9	25.24	16.4	282 2	
88	70.23	9.0	6 27.64	19 10 22.3	281 42	
185	71.17	9.0	27.59	23.2	78 20	
74	70.15	s.8	6 30.12 (½)	18 8 35.7	280 40	
186	71.17	8.0	30.15	35.8	79 22	
180	71.09	9.0	6 35.40	17 58 38.8	280 30	
189	19	9.1	35.41	37.0	79 34	
86	70.21	9.1[1]	6 40.15	15 34 33.9	278 6	
187	71.18	8.6	40.04	33.5	81 56	15°1513 9^m.2
77	70.16	7.4	6 41.09	16 47 28.4 (½)	279 19	
188	71.18	7.7	41.13	28.3	80 44	
77	70.16	8.0	6 41.67	16 3 49.0	278 36	
190	71.19	8.0	41.62	49.4	81 28	
88	70.23	8.0	6 45.90	19 41 57.6	282 14	
185	71.17	8.5	45.84	57.5	77 50	
74	70.15	h.9	6 58.15	18 14 25.0	280 46	
186	71.17	8.8	58.07	24.5	79 16	

[1] In Z.86 Cirri, 0^m.3 zu schwach geschätzt [2] Abl. von 82°32′, 1 von 82°30′ [3] Z.191: 9^m.5:

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr	Bemerkungen
			7^h			
77	70.16	8.2	7^m 6.03	16° 45′ 21.2	279° 16′	
188	71.18	8.4	6.97	21.7	80 46	
88	70.23	9.2	7 6.92	19 11 13.6	281 42	
185	71.17	9.0	7.00	13.1	78 20	
78	70.17	9.3	7 10.85	15 0 7.0	277 32	
184	71.17	9.3	10.77	8.3	82 32	
78	70.17	8.4	7 11.03	15 58 16.4	278 30	spl.
190	71.19	8.2	10.97	17.5	81 34	spl. (s. hell. F.)
62	70.09	h.8-9	7 16.38	19 54 40.4	77 36	
73	15	8-9	16.43	40.8	282 32	
180	71.09	8.5	7 17.11	20 4 25.0	282 36	
186	17	8.6	17.09	24.2	77 26	
87	70.21	8.2	7 20.99	16 49 7.1	279 20	
181	71.12	8.0	20.93	7.9	279 22	
188	18	8.2	21.04	5.7	80 42	
6	69.19	—	7 32.89 (½)	18 46 27.1 (½)	281 14	Wolken
182	71.12	8.3	32.96 (½)	28.8 (½)	281 18	
190	19	8.1	32.86	27.6	78 46	
87	70.21	9.1	7 35.73	16 48 38.3 (½)	279 20	δ etw. uns.
181	71.12	9.0	35.74	36.6	279 22	
188	18	9.3	35.69	36.3	80 42	
85	70.20	8.9	7 50.92 (½)	17 41 22.3	280 14	
189	71.19	9.0	50.95	21.4	79 50	
181	71.12	8.0	7 54.58	16 53 13.4	279 26	
188	18	8.4	54.56	13.2	80 38	
74	70.15	h.9	7 58.08	18 13 25.6	280 40	
190	71.19	9.0	58.09	26.5	79 18	
2	69.15	—	8 [1.55::]	19 1 [43±]	281 30	k. sichtb. d. F.
62	70.09	8	1.38	44.6	78 28	
73	15	8.8 .. h.8-9	1.35	44.3	281 38	
3	69.16	8-9	8 3.52 (½)	19 16 39.1 (½)	281 44	
88	70.22	8.6	3.46	38.9	281 48	
191	71.20	8.3	3.45	40.1 (½)	78 14	
85	70.20	9.3	8 4.78	17 8 9.0	279 40	
189	71.19	8.8	4.81	9.9	80 24	
83	70.19	8.9	8 10.35	15 27 12.0	278 0	
86	21	8.8[1]	10.39	12.9	277 58	
184	71.17	8.2	10.27	12.0	82 4	
87	70.21	9.3	8 11.23	15 21 40.8	277 54	
187	71.18	9.3	11.29	40.0	82 10	
86	70.21	9.3[1]	8 16.69	15 28 36.8	278 0	Bem.[2]
181	71.12	9.2	16.78	43.2	278 2	
184	17	9.1	16.73	44.3	82 2	
180	71.09	7.7	8 20.87	20 3 45.9 (½)	282 36	
186	17	7.8	21.01	47.0	77 44	
181	71.12	9.3	8 21.00	15 28 35.8	278 2	s. auch Nr. 2723
184	17	9.2	20.89 (½)	35.4	82 2	3 F.
88	70.23	9.4	8 28.73	19 28 4.2	282 0	
185	71.17	9.3	28.71	6.0	78 4	
74	70.15	h.9	8 40.25	18 54 43.1	281 26	
189	71.19	8.9	40.23	40.8	78 36	
77	70.16	9.0	8 45.00	16 57 26.9	279 30	
188	71.18	9.2	44.98	27.4	80 34	
180	71.09	8.9	8 45.89	19 47 50.0	282 20	
186	17	9.0	45.81	50.0	77 44	
78	70.17	8.3	8 45.83	15 1 32.7	277 34	
190	71.19	8.1	45.89	34.4	82 30	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr	Bemerkungen
			7^h			
62	70.09	9-10	8^m 47.33	19° 23′ 40.3	78° 6′	
73	15	9-10	47.49	39.0	282 0	
185	71.17	9.2	47.28	39.6	78 8	
77	70.16	9.2	8 47.58	16 57 13.2	279 28	
188	71.18	9.3	47.60	13.6	80 34	
78	70.17	8.3	8 52.34 (½)	15 34 1.8 (½)	278 6	
86	21	8.8[1]	52.43	2.1	278 6	
184	71.17	9.1	52.35	3.1	81 56	
3	69.16	9	9 33.03 (½)	19 48 17.4 (½)	282 16	
88	70.22	9.1	33.08	18.1	282 20	
185	71.17	9.0	33.09	17.3	77 44	
77	70.16	7.3	9 34.28	16 21 52.5	278 54	
85	19	7.3	34.20	52.5	278 54	
191	71.20	7.0	34.26	51.9	81 10	
85	70.20	9.2	9 45.27	17 56 18.9	280 28	
186	71.18	9.1	45.25	17.9	79 36	
180	71.09	8.7	9 45.89	17 33 14.6	280 6	
189	19	8.9	45.92	15.7	79 58	
78	70.16	9.0	9 46.42	15 39 36.1 (½)	278 11	
187	71.18	8.5	46.45	36.2	81 52	
85	70.20	9.1	9 58.41	17 53 49.4	280 26	
186	71.18	9.0	58.32	49.5	79 38	
86	70.21	8.5[1]	9 58.83	16 30 43.3	279 2	
191	71.20	8.0	58.78	42.4	81 0	
74	70.15	h.9	10 0.00	18 34 55.8	281 6	
186	71.17	8.5	9 59.97	54.6	78 56	
180	71.09	8.8	10 13.51	17 44 38.2	280 18	
191	20	9.1	13.34	36.4	79 46	
181	71.12	8.8	10 14.97	18 17 49.6	280 50	
191	20	9.1	14.95	48.7	79 14	
87	70.21	9.2	10 16.84	16 44 40.9	279 16	
188	71.18	9.3	16.62	40.1	80 46	
180	71.09	8.5 sic	10 18.08	17 37 13.6	280 10	
189	19	8.9*	18.12	13.8	79 54	* od. 8.7, unr.
88	70.23	8.7	10 32.22	19 46 7.3	282 18	Z.190 8ᵐ
185	71.17	8.5	32.15	7.2	77 46	19°1673 9ᵐ
87	70.21	8.7	10 33.80	15 59 30.3	278 32	
187	71.18	9.1	33.86	30.2	81 32	
62	70.09	9	10 34.87	16 44 —	80 44	
73	15	h.9	35.16	—	279 —	
77	16	9.2	34.89	4.8	279 16	
184	71.17	9.1	34.96	4.0	80 46	Z.195 9ᵐ
88	70.23	9.0	10 40.24	19 43 2.5	282 14	
190	71.19	8.8	40.28	1.1	77 48	
3	69.16	h.9	10 48.13 (½)	19 48 27.8 (½)	282 16	
88	70.22	9.1	48.07	28.6 (½)	282 20	
190	71.19	9.0	48.08	27.4	77 42	
86	70.21	8.8[1]	10 50.53	15 57 48.9	278 30	
184	71.17	8.2	50.45	49.0	81 38	
86	70.21	wie 8.9][1]	11 8.32	17 13 37.7	279 46	
182	71.12	8.6	8.38	37.5	279 46	
187	18	8.2	8.34	37.9	80 18	
180	71.09	9.1	11 17.55	18 7 7.5	280 40	
186	17	9.2	17.35	8.0	79 24	18°1566 9ᵐ
180	71.09	8.8	11 18.04	18 6 3.8	280 38	
186	17	8.9	18.18	4.6	79 26	
87	70.21	8.6	11 25.80	16 48 39.4	279 20	
188	71.18	8.8	25.76	38.8	80 42	

* Nr. 2752: λ Geminorum, Fund.-St.

[1] In Z. 86 Cirri, $0^m.3$ zu schwach geschätzt

[2] Decl. gehört offenbar zu dem gleich hellen 4ˢ folgenden Stern, Nr. 2725

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7h			
86	70.21	9.3[1]	11m36s.00:(⅔)	17°29′53″.5:(⅔)	280° 2′	
81	71.12	9.0	35.94	52.8	280 2	
89	19	8.9	35.90	52.7	80 2	
81	71.12	8.5	11 40.61	18 47 37.9	281 20	
89	19	8.6	40.58	37.5	78 44	
80	71.09	8.6	12 3.30	18 27 44.0	281 0	
90	19	9.0	3.26	44.3	79 4	
78	70.17	8.8	12 7.41	15 53 26.2	278 24	
84	71.17	8.5	7.41	26.3	81 38	
87	70.21	8.7	12 15.12	16 19 51.8	278 52	
88	71.18	9.1	15.07	51.9	81 12	
78	70.16	8.3	12 19.57 (½)	15 24 44.8 (⅔)	277 56	
187	71.18	8.1	19.59	43.8	82 6	
88	70.22	8.4	12 20.42 (⅔)	17 42 14.0 (⅔)	280 14	
191	71.20	8.8[2]	20.43	13.2	79 48	
86	70.21	9.1[1]	12 20.84	15 16 23.1	277 48	
190	71.19	8.5	20.72	23.2	82 14	
181	71.12	8.5	12 27.35	15 10 33.7	277 42	
190	19	9.1	27.30	33.2	82 20	
3	69.16	h.9	12 29.41 (½)	19 55 59.5 (½)	282 24	Bem.[3]
62	70.09	9 (W.)	29.34	59.2	77 34	
73	15	9	29.27	59.1	282 34	
88	70.22	8.3	12 40.00	17 31 12.9	280 2	
191	71.20	8½:	40.07 (½)	13.2	80 0	3 F.[4]
192	20	8.8*	39.98	12.6	80 0	* nicht schwäch.
6	69.19	Wolk.	12 41.84 (0.4)	19 44 57.3 (½)	*282 12	
62	70.09	7-8	41.82 (⅔)	58.3 (½)	77 47	
73	15	s.8	41.83	57.7 (½)	282 22	
62	70.09	s.9	12 52.33	19 44 37.8	77 46	
73	15	h.9	52.37	37.7	282 22	
88	70.21	9.0	12 55.83	17 45 55.0	280 18	
190	71.19	9.2	55.75	55.0	79 46	
87	70.21	7.2	12 59.45	16 22 9.6	278 54	
188	71.18	7.4	59.50	9.0	81 10	
78	70.16	6.3	12 59.62	15 22 18.3 (½)	277 54	
191	71.20	6.5 ? W.	59.64	19.6 (½)	82 8	
87	70.21	9.0	13 5.73	19 39 31.5 (½)	282 12	
185	71.17	9.0	5.74	31.7	77 52	
74	70.15	h.9 -- s.8-9	13 6.43	18 44 42.8	281 16	
186	71.17	8.9	6.48	43.3	78 46	
87	70.21	8.9	13 11.00	19 37 32.7	282 10	
185	71.17	9.0	11.07	32.5	77 54	
74	70.15	8 -- h.8	13 15.92	18 5 37.6	280 38	
186	71.17	7.9	15.96	39.4	79 26	
88	70.23	9.1	13 22.41	17 40 15.9	280 12	
190	71.19	8.9	22.40	15.5	79 52	
80	70.18	9.0	13 25.10	19 6 51.7	281 38	
185	71.17	8.9	25.04	51.6	78 24	
233	72.20	9.0	25.00	51.8	281 38	
74	70.15	s.8	13 26.01	18 6 21.4	280 38	
186	71.17	8.0	26.00	21.2	79 26	18°1579 9m
86	70.21	9.2[1]	13 29.33	16 37 10.5	279 8	
180	71.09	8.2	29.26 (⅔)	9.9 (⅔)	279 10	
189	19	8.6	29.30	9.4 (½)	80 54	
74	70.15	h.9	13 29.57	18 9 16.6	280 40	
78	70.17	8.5	13 31.46	15 7 46.5	277 40	
184	71.17	8.5	31.46	46.5	82 24	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7h			
86	70.21	9.3[1]	13m42s.01 (⅔)	15°53′47″.6 (⅔)	278°26′	
187	71.18	8.8	42.06	46.2	81 38	
78	70.17	9.1	13 48.08	15 23 58.8	277 56	
190	71.19	9.1	47.93	59.5	82 8	
234	72.22	9.1	13 49.36	19 8 27.2	78 24	
85	70.20	7.9	14 6.79	16 13 10.3	278 44	
188	71.18	8.2	6.82	10.4	81 18	
81	70.18	8.8	14 16.13	16 57 16.5	279 28	
188	71.18	8.4	16.06	17.6	80 34	
3	69.16	8-9	14 33.27 (½)	19 25 26.2 (½)	281 54	19°1697 9-10m
62	70.09	9 -- s.9	33.15	26.7	78 6	
73	15	h.9	33.18	25.3	282 2	
234	72.22	9.0	33.27	26.0	78 6	
81	70.18	9.1	14 43.22	16 54 42.9	279 26	
188	71.18	9.2	43.15	44.3	80 36	
74	70.15	s.8-9	14 47.63	18 9 25.0	280 40	
185	71.17	8.5	47.63	25.6	79 22	
74	70.15	s.9	14 51.81	18 7 51.2	280 40	
185	71.17	9.2	51.76	51.6	79 24	
83	70.19	9.0	14 55.42	14 52 32.3	277 24	
184	71.17	8.3	55.39	32.7	82 38	
83	70.19	9.2*	14 57.82	15 59 28.2	278 32	* gz. zfl.
187	71.18	8.9	57.90	28.0	81 32	
85	70.20	8.2	14 58.48	16 58 43.7 (⅔)	279 30	
188	71.18	8.4	58.50	44.4 (⅔)	80 32	
80	70.18	9.0	15 26.17	18 16 46.2	280 48	
186	71.18	8.9	26.13	45.9	79 14	
184	71.17	9.2	15 35.38	15 35 45.0	81 56	
80	70.18	7.0	15 48.60	18 30 41.0	281 2	
185	71.17	7.0	48.54	40.7	79 0	
85	70.20	7.7	15 52.06	17 38 47.4	280 10	
189	71.19	7.7	52.01	47.2 (½)	79 52	
78	70.17	7.2	15 53.86	15 35 43.4	278 8	
184	71.17	7.2	53.80	43.5	81 56	
3	69.16	9	15 57.46 (½)	19 26 9.2 (½)	281 54	
62	70.09	h.9-10	57.36	7.8	78 4	
73	15	s.9	57.35	6.8	282 4	
234	72.22	9.1	57.39	6.6	78 6	
86	70.21	10[1]	16 0.00::(½)	20 6 27.2::(½)	282 38	20°1787 10m [1]
185	71.17	9.1	0.13	28.6	77 26	
233	72.20	9.2	0.04	27.7	282 38	
234	22	9.3	0.12	26.8	77 26	
81	70.18	9.1	16 1.66	16 13 27.4	278 44	
187	71.18	9.0	1.75	28.0	81 18	
233	72.20	9.5	16 2.64	20 7 0.6	282 38	
74	70.15	9	16 5.14	18 32 58.1	281 4	
186	71.17	9.1	5.14	58.3 (½)	78 58	
83	70.19	9.1	16 5.29	16 4 11.6	278 36	
187	71.18	9.1	5.31	9.3	81 28	
185	71.17	9.2	16 9.73	20 6 9.8	77 26	Z. 86: 10m [1]
233	72.20	9.5	9.66	7.4	282 38	9m.6 f. 3s 2′ N.
234	22	9.3	9.68	8.3	77 26	
78	70.17	8.8	16 24.99	15 32 44.7	278 4	
184	71.17	9.0	24.95	44.9	81 58	
74	70.15	h.9	16 34.53	18 34 39.7	281 6	
186	71.17	9.0	34.53	40.2	78 56	
74	70.15	h.9	16 36.52	18 34 50.9	281 6	
186	71.17	9.1	36.51	51.0	78 56	

[1] In Z. 86 Cirri, 0m.3 zu schwach geschätzt [2] bei Beob. unr. = 9m.0, Hgl. −r.020 [3] Com. s. 9-10m 20″ 190° [4] erst = 9m.4; Hgl. −r.036 ang.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7ʰ			
85	70.20	7.7	16ᵐ36ˢ.64	16° 54′ 50″.4	279° 26′	
188	71.18	7.5	36.50	49.9 (½)	80 36	
83	70.19	8.9	16 51.20	15 24 21.6	277 56	
184	71.17	8.7	51.09	22.6	82 6	
83	70.19	9.2	16 58.21	16 17 7.1	278 48	
87	21	9.0	58.22	6.6	278 50	
187	71.18	9.2	58.26	8.5	81 14	
62	70.09	9	17 2.89	19 32 40.9	77 58	
73	15	9	2.87	41.1	282 10	
62	70.09	h. 8	17 6.31	19 9 4.9	78 22	
73	15	[9]*	6.30	3.8	281 46	* (Wolk.)
233	72.20	7.9	6.28	3.4	281 40	
181	71.12	9.2	17 9.17	15 21 26.3	277 54	
189	19	9.3	8.97	25.6 (½)	82 10	
85	70.20	8.4	17 18.77	16 11 8.8	278 42	
187	71.18	8.2	18.76	8.3	81 20	
78	70.17	7.1	17 19.61	15 45 28.2	278 18	
184	71.17	7.3	19.61 (½)	28.0 (½)	81 40	
74	70.15	s. 8-9	17 34.42	18 19 14.2	280 50	
185	71.17	8.5	34.37	15.0	79 12	
85	70.20	9.2	17 44.57	14 53 14.3	277 24	
188	71.18	9.2	44.65	14.1 (½)	82 38	
3	69.16	s. 7	17 51.47 (½)	19 14 54.1 (½)	281 42	
62	70.09	7-8	51.44	55.0	78 16	
73	15	[8-9]*	51.45	53.8	281 52	* (Wolk.)
83	70.19	9.3	18 3.18	14 57 13.2 (½)	277 28	
187	71.18	9.3	3.15	14.2	82 34	
188	18	9.3	3.12	15.8	82 34	
83	70.19	9.3	18 22.52	14 50 42.8	277 22	
187	71.18	9.3	22.52	41.9	82 40	
181	71.12	9.2	18 23.75	15 4 44.9	277 38	
188	18	9.2	23.79	48.0	82 26	
78	70.17	8.5	18 24.91	15 57 34.7	278 30	
184	71.17	8.8	24.97	34.7	81 34	
6	69.19	Wolk.	18 38.30 (0.3)	18 23 33.1 (½)	*280 50	3 F.
74	70.15	—	38.42	33.7	280 54	
87	21	7.3	38.36	33.7	280 56	
185	71.17	7.5	38.33	32.9	79 8	
85	70.20	8.6	18 47.00	17 13 7.4	279 44	
189	71.19	8.9	47.08	6.8	80 18	9ᵐ1 f. 12ˢ 0′.5 N.
188	71.18	9.3	18 56.23	15 5 14.4	82 26	
85	70.20	8.8	18 59.71	17 13 39.5	279 46	Z. 189: 9ᵐ1
85	70.20	8.6	19 5.91	17 4 15.0	279 36	
190	71.19	8.5	5.86	15.5	80 26	
78	70.16	{ 9.1	19 6.15	15 5 8.6	277 38	} Dpl. 8ˢ 190° 1
		9.2	6.25	18.7	277 38	
188	71.18	{ 9.0	6.21	10.0	82 26	} » 10 190
		8.9	6.27	17.8	82 26	
86	70.21	8.0[1]	19 10.69 (½)	18 45 49.6 (½)	281 18	
186	71.17	7.8	10.66	49.6	78 46	
87	70.21	9.1	19 11.00	18 24 38.9	280 56	
185	71.17	8.8	11.10	38.2	79 6	
86	70.21	8.9[1]	19 15.01	18 45 41.7	281 18	k. sichtb.
186	71.17	{ 9.5	13.90	57.3	78 46	} Dpl.
		8.4	14.84	41.2	78 46	
3	69.16	h. 8-9	19 19.27 (½)	19 33 4.8 (½)	282 0	
87	70.21	8.9	19.17	4.4	282 4	
185	71.17	8.7	19.21	3.5 (½)	77 58	
			7ʰ			
62	70.09	8.9	19ᵐ32ˢ.65	19° 11′ 58″.6	78° 18′	
86	21	9.1[2]	32.73	59.5	281 44	
189	71.19	9.0	32.68	59.1	78 20	
86	70.21	9.2[2]	19 44.84	19 14 50.6	281 46	
88	23	9.0	44.81	50.3	281 46	
189	71.19	9.2	44.81	50.4	78 16	
88	70.23	8.6	19 47.40	18 8 10.9 (½)	280 40	
190	71.19	8.5	47.43	10.0	79 22	
85	70.20	9.0	19 53.51	16 20 51.4	278 52	
191	71.20	9.1	53.42	50.6	81 10	s. hell
83	70.19	9.3	20 1.39	19 26 26.3	281 58	
190	71.19	9.2	1.23	26.9	78 4	s. hell
83	70.19	8.8	20 5.19	19 25 58.0	281 58	
190	71.19	8.8	5.18	58.6	78 6	
87	70.21	8.8	20 10.19	20 4 57.6	282 56	
189	71.19	9.0	10.06	57.1	77 26	
78	70.17	9.1	20 15.86	15 54 33.6	278 26	
184	71.17	8.8	16.02	33.3 (½)	81 36	
78	70.17	{ 8.4	20 18.85	15 33 56.6	278 6	} Dpl. 4ˢ
		9.0	19.04	56.7	278 6	
191	71.20	{ 8	18.81	56.4	81 58	} » 3
		9	18.80	57.4	81 58	
192	20	{ 8.4	18.79	55.9	81 58	} » 5
		9.0	18.00	56.0	81 58	
80	70.18	7.5	20 31.39	19 17 49.8	281 50	
87	21	7.8	31.36	49.7	281 50	
189	71.19	7.5:	31.37	51.2	78 14	
83	70.19	7.8	20 34.70	14 55 36.0	277 28	
187	71.18	h. 8·	34.74	36.9	82 36	
74	70.15	9	20 53.00	18 14 30.7 (½)	280 46	
191	71.20	9.2	53.05	31.1	79 16	18ᵐ 1024
78	70.17	9.0	20 59.90	15 46 53.4	278 18	
190	71.19	8.5	59.85	53.1	81 44	
81	70.18	9.1	21 4.17	16 24 7.3	278 56	
188	71.18	9.2	4.07	8.6	81 8	
81	70.18	9.0	21 11.49	16 14 21.3	278 46	
185	71.17	9.1	11.51	23.2	81 18	
62	70.09	9-8.9	21 12.33	19 54 51.1	77 36	
80	18	9.1	12.38	50.2	282 26	
233	72.20	9.0	12.40	50.3	282 26	
234	22	8.9	12.40	50.4	77 36	
78	70.17	6.9	21 40.78	15 21 48.7	277 54	
184	71.17	7.3	40.71 (½)	47.8 (½)	82 10	
80	70.18	8.8	21 48.96	18 3 28.8	280 34	
189	71.19	8.0	48.82	27.3	79 28	18ᵐ 1027
81	70.18	9.2	21 54.88	16 25 57.8 (½)	278 58	ð etw
188	71.18	9.3	54.71	26 0.7	81 6	
181	71.12	9.2	21 56.83	16 10 3.8	278 42	
182	12	9.2	56.78	6.0	278 42	
185	17	9.3	56.69	4.2	81 22	
62	70.09	7.8	22 10.67	19 53 16.3	77 38	
80	18	7.1	10.64	16.4	282 24	
233	72.20	7.3	10.58	16.4	282 26	
234	22	7.5	10.58	15.6	77 38	
80	70.18	9.2	22 13.18	18 1 25.2	280 32	
189	71.19	9.3	13.18	24.8	79 30	
74	70.15	h. 9	22 15.21	18 20 22.5	280 52	
190	71.19	9.0	15.14	22.5	79 10	

[1] Nach PW. wären die Grössen zu vertauschen. — 15ᵐ1570 9ᵐ2

[2] In Z. 86 Cirri, Grössen 0ᵐ3 zu schwach geschätzt

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7h			
80	71.09	9.4	22m15s.83 (½)	16°18′32″.4 (½)	278°50′	etwas uns.
87	18	9.3	15.98	30.8	81 12	
81	70.18	8.5	22 18.68	16 25 8.0	278 56	
87	71.18	8.0	18.69	8.9	81 6	
83	70.19	8.4	22 18.79	17 8 18.9	279 40	
88	71.18	8.3	18.76	18.1	80 24	
83	70.19	8.8	22 32.64	17 38 19.4	280 10	
89	71.19	8.5	32.51 (½)	17.9	79 52	
74	70.15	h.8-9	22 44.36	18 53 10.1	281 24	
86	71.17	8.5	44.31	10.1	78 38	
74	70.15	h.8-9	22 48.02	18 52 21.9	281 24	
86	71.17	8.5	47.97	21.4	78 38	
78	70.17	8.8	22 57.05	15 12 30.6	277 44	
184	71.17	8.3	57.06	29.9	82 18	
85	70.20	7.8	23 2.43	20 4 31.8	282 36	
185	71.17	7.8	2.36	33.3	77 26	
62	70.09	h.9	23 10.92	19 14 4.9	78 16	(E.B. −0″.44)
80	18	8.9	10.99	6.4	281 46	
233	72.20	8.5	10.87	3.0	281 40	
234	22	8.5	10.85	4.7	78 18	
83	70.19	9.1	23 14.18	17 12 38.0	279 44	
186	71.17	9.1	14.08	37.3	80 18	
81	70.18	9.2	23 19.46	16 37 36.3	279 10	
187	71.18	9.3	19.28	36.4	80 54	
81	70.18	9.1	23 22.43	16 17 52.0	278 50	
187	71.18	9.0	22.50	52.3	81 14	
83	70.19	8.4	23 53.41	16 52 37.9	279 24	
185	71.17	8.4	53.35	37.1	80 38	
85	70.20	9.1	23 54.15	15 47 17.8	278 20	
184	71.17	9.0	54.15	17.9	81 44	
78	70.17	8.9	24 10.32	15 30 42.5	278 2	
184	71.17	8.3	10.19	41.2	82 0	
83	70.19	{ 9.3	24 11.00	16 34 16.9	279 6	} Dpl.
		{ 9.3	11.41	27.9	279 6	
187	71.18	{ 9.3	11.07	18.1	80 58	} » (18″ 50°):
		{ 9.3	11.46	27.5	80 58	
233	72.20	{ 9.2	11.07	18.4	279 6	} » 8 225 [1]
		{ 9.2	11.51	26.7 (½)	279 6	
234	22	{ 9.2	11.03	17.6 (½)	80 58	} » 10 46
		{ 9.3	11.40	27.4	80 58	
85	70.20	8.9	24 19.35	17 37 15.5	280 10	
186	71.18	9.0	19.44	15.5	79 54	
83	70.19	9.4	24 29.10	16 34 0.4	279 6	Z.233: 9m.5
78	70.16	9.2	24 29.65	15 36 19.2	278 8	
187	71.18	9.1	29.70	19.4	81 56	Z.184: 8m.6
78	70.17	8.9	24 30.01	15 34 26.6	278 6	
184	71.17	8.5	30.05	26.6	81 56	
85	70.20	6.0	24 35.88	17 21 1.8	279 52	
186	71.18	6.2	35.92	0.7	80 10	
5	69.17	h.9	24 45.65 (½)	18 20 57.3 (½)	280 48	
74	70.15	9	45.68	56.2	280 52	
185	71.17	9.0	45.72	56.6	79 10	
81	70.18	9.0	24 54.78	16 28 53.5	279 0	
188	71.18	8.7	54.76	52.4	81 2	
74	70.15	8.9	25 6.93	18 8 47.2	280 40	
185	71.17	8.2	6.94	46.5	79 22	
62	70.09	h.8	25 11.28	18 37 49.5	78 52	
80	18	8.1	11.09	48.6	281 10	
234	72.22	8.2:	11.18	48.6	78 54	

[1] 9m.5 f.18s par.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7h			
62	70.09	9.10	25m11s.87	18°44′43″.1	78°46′	
80	18	9.3	11.99	43.0	281 16	
234	72.22	9.2	11.96	44.9	78 48	
78	70.16	9.1	25 13.92	15 32 44.6	278 4	
187	71.18	9.3	13.91	44.3	81 58	
83	70.19	9.0	25 23.68	15 45 3.4	278 16	
188	71.18	8.9	23.66	3.4	81 46	
74	70.15	s.9	25 34.97	18 13 57.4 (½)	280 46	
185	71.17	9.2	34.76	57.5	79 18	18°1654 9m.3
86	70.21	9.2 [2]	25 35.15	15 56 15.4	278 28	sicher
184	71.17	9.0	35.17	13.8	81 34	
81	70.18	8.3	25 40.88	16 36 34.8	279 8	
89	25	s.8	40.96	33.2	80 54	
233	72.20	8.0	40.92	33.9	279 8	
85	70.20	9.0	25 49.80	17 19 29.3	279 52	
186	71.18	8.7	49.75	30.7	80 12	
86	70.21	9.5 [2]	25 49.93::(½)	17 32 36.9::(½)	280 4	
87	21	9.3	50.13	37.9	280 4	
189	71.19	9.6	49.89	36.8	79 58	
87	70.21	8.8	25 52.60	17 43 58.4	280 16	
189	71.19	8.6	52.55	44 0.3	79 48	
81	70.18	8.3	25 57.86	16 14 52.7	278 46	
89	25	h.8-9	57.89	51.1	81 16	
85	70.20	8.9	25 58.94	17 24 40.5	279 56	
186	71.18	8.7	58.85	40.8	80 6	
83	70.19	7.0	26 17.07	15 54 19.0	278 26	
184	71.17	7.0*	17.00	19.5	81 36	* schw. orange
233	72.20	7.2	17.01	19.8 (½)	278 26	
5	69.17	h.9	26 18.41 (½)	18 28 47.8	280 56	
62	70.09	s.9	18.24	46.3	79 2	
80	18	9.0	18.19	47.0	281 0	
234	72.22	8.8	18.28	46.8	79 2	
86	70.21	9.0	26 23.33	17 51 37.2	280 24	
186	71.17	9.0	23.37	35.8	79 40	
81	70.18	6.2	26 28.37	16 5 37.1 (½)	278 37	
89	25	5-6	28.33	37.6	81 26	
72	70.15	8	26 33.37	18 36 1.1	281 10	
74	15	8	33.32	1.7	281 8	
185	71.17	8.0	33.33 (½)	1.4	78 56	
78	70.17	8.9	26 42.78	15 6 19.4	277 38	
184	71.17	8.5	42.76	19.3	82 24	
62	70.09	s.9	27 11.15	19 5 12.7	78 26	
80	18	9.2	11.04	13.0	281 36	
78	70.17	8.4	27 14.70	15 1 20.8	277 34	
184	71.17	8.1	14.61	20.2	82 30	
85	70.20	9.1	27 16.98	17 40 20.5	280 12	
186	71.18	9.0	17.04	21.6 (½)	79 52	
85	70.20	8.0	27 17.73	17 13 24.2	279 46	
189	71.19	8.3	17.75	23.0	80 18	Bem. [3]
78	70.17	8.8	27 19.33	15 5 10.1	277 38	
184	71.17	8.9	19.25	9.4	82 26	
190	71.19	9.0	27 23.70 (½)	17 10 51.4 (½)	80 20	Z.189: h.9m
193	21	9.1	23.72 (½)	50.8 (½)	279 44	
233	72.20	9.0	23.70	51.7 (½)	279 42	
234	22	8.9	23.81	51.8	80 20	
83	70.19	9.3	27 31.16	15 42 59.2	278 14	
187	71.18	9.3	31.06	58.6	81 48	

[2] In Z. 86 Cirri, Grössen 0m.3 zu schwach geschätzt

[3] Z.190: 8m.1; 193: 8m; 233: 8m.0; 234: 8m.0

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
78	70.16	8.4	$27^m32^s.82$	15° 55′ 26″.3	278° 28′	
187	71.18	7.9	32.80	27.0	81 36	
5	69.17	h. 9	28 1.55 (½)	18 7 37.8 (½)	280 34	Bem. [1]
80	70.18	9.0	1.54	39.5	280 40	
189	71.19	8.9	1.58	38.3	79 24	
85	70.20	9.1	28 2.45	17 37 33.7	280 10	
188	71.18	9.0	2.45	33.6	79 54	Z. 233: $8^m.7$
72	70.15	[wie 9]	28 5.86	18 34 26.8	281 8	
74	15	s. 8-9	5.78	28.8	281 6	
185	71.17	8.8	5.78 (½)	29.1	78 56	
88	70.22	9.1 W.?	28 6.62	20 6 35.0	282 38	
186	71.18	9.0	6.58	35.5	77 24	
87	70.21	9.0	28 10.65	15 12 12.5	277 44	
187	71.18	8.9	10.74	11.9	82 20	
85	70.20	8.0	28 11.86	17 39 16.8	280 10	
188	71.18	8.1	11.90	17.4	79 52	
233	72.20	8.5	11.83	18.5	280 12	
86	70.21	9.1	28 15.56	17 34 8.2::(½)	280 6	
87	21	9.0	15.45	10.2	280 6	
188	71.18	9.2	15.43	8.4	79 56	
81	70.18	8.9	28 26.92	16 2 8.8	278 34	
189	71.19	8.7	26.93	8.6	81 30	
72	70.15	h. 9	28 31.38	18 36 3.9	281 10	
74	15	h. 9	31.34 (½)	4.2 (½)	281 8	
185	71.17	8.7	31.23	3.2	78 54	
80	70.18	9.1	28 37.28	18 23 27.6	280 56	
189	71.19	9.0	37.17	25.6	79 8	
74	70.15	s. 8-9	28 46.53	18 25 3.8	280 56	Z. 80: $8\text{-}9^m$
189	71.19	8.7	46.44	3.9	79 6	
88	70.22	9.5	28 46.86	15 51 7.8	278 23	
182	71.12	8.8 *	46.75	7.8	278 24	* sehr klar. — [2]
184	17	9.1	46.69	8.6	81 40	
62	70.09	9	28 51.39	19 0 16.3	78 30	
73	15	s. 9	—	13.8 (½)	281 38	etwas uns.
86	21	9.1	51.47	16.8	281 32	
234	72.22	9.1	51.32	17.4	78 32	
182	71.12	8.4	28 56.60	18 31 52.6 (½)	281 4	
186	18	8.8	56.64	53.6	79 0	
85	70.20	9.3	29 1.75 (½)	17 10 36.2	279 42	1 F. — [3]
5	69.17	h. 9	29 6.47 (0.2)	19 12 36.7 (½)	281 40	
62	70.09	8-9	6.51	37.6	78 18	
73	15	9	—	35.2	281 50	
75	16	s. 9	6.54	36.9 (½)	281 44	
234	72.22	8.5	6.52	37.5	78 18	
80	70.18	8.8	29 6.98	19 30 41.8	282 2	
185	71.17	9.0	7.00	41.2	78 0	
233	72.20	9.0	7.04	41.7	282 2	
81	70.18	9.3	29 8.96 (½)	16 23 54.6	278 56	
86	21	9.3	9.06	51.8	278 56	
87	21	9.2	8.86	54.1	278 56	
187	71.18	9.3	8.87	54.3	81 8	
74	70.15	h. 8 ·· s. 7-8	29 9.85	18 27 26.2	280 58	
186	71.17	8.0	9.74	25.3	79 4	
78	70.16	9.0	29 10.17	15 52 0.3	278 24	
83	19	9.1	10.13	51 58.7	278 24	
184	71.17	9.2	10.04	52 0.7	81 40	Z. 182: $8^m.5$ [(s. klar)
81	70.18	8.5	29 22.21	16 21 2.4	278 52	
89	25	s. 8-9	22.23	2.4	81 10	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
62	70.09	s. 8-9	$29^m24^s.21$	19° 15′ 20″.6	78° 14′	
73	15	h. 9	—	18.0	281 52	
75	16	s. 9	24.19	19.3	281 46	
234	72.22	8.7	24.34	20.0	78 16	
80	70.18	9.0 s. zfl.	29 41.86	19 52 46.8	282 24	
185	71.17	9.0	41.82	48.6	77 38	
86	70.21	7.8	29 54.62	17 10 49.9	279 42	
233	72.20	7.4	54.69	51.2	279 42	schwkd.
72	70.15	s. 9	29 55.94	18 21 0.7	280 56	Fäd. st. sch.
74	15	9 ·· s. 9	56.02	1.5	280 52	
185	71.17	8.8	55.96	1.6	79 10	18°1683 8…
85	70.20	8.7	29 56.00	15 9 59.0	277 42	
184	71.17	8.7	55.97	59.7	82 22	
187	18	8.5	55.97	59.1	82 22	
81	70.18	9.1	30 2.94	16 0 38.9	278 32	
187	71.18	9.3	3.01	37.8	81 30	
5	69.17	h. 7-8	30 13.66 (½)	19 11 53.0 (½)	281 40	
62	70.09	6 ·· 6-7	13.56	54.1	78 18	
73	15	h. 7-8	—	52.2	281 48	
75	16	7-8	13.61	53.6	281 44	
234	72.22	7.5	13.55	54.0	78 20	
88	70.21	9.5	30 18.70	14 49 58.1	277 22	
81	70.18	9.3	30 45.13	16 0 56.6	278 32	
187	71.18	9.2	45.20	57.2	81 30	
78	70.17	8.9	30 46.89	15 21 46.2	277 54	
184	71.17	8.6	46.92	44.8	82 10	
83	70.19	8.7	30 54.28 (½)	17 21 18.3	279 54	
188	71.18	8.4	54.22	17.9 (½)	80 10	
233	72.20	8.6	54.32	18.5	279 54	
74	70.15	9	30 58.01	18 7 15.7	280 38	
188	71.18	9.1	58.13	13.3	79 24	
74	70.15	9-10	30 58.63	18 8 4.9	280 40	
188	71.18	9.3	58.65	4.4	79 24	Bel. etw. hell
80	70.18	9.0	31 7.54	18 34 32.2	281 6	
186	71.18	9.0	7.44	31.6	78 56	
81	70.18	9.0	31 13.55	16 51 35.4	279 24	
188	71.18	9.2	13.54	35.5	80 40	
72	70.15	h. 9	31 15.02	18 19 40.5	280 54	
74	15	8-9 ·· s. 8-9	14.92	40.8	280 52	
185	71.17	8.5	14.97	40.5	79 12	
5	69.17	9-10	31 15.84 (0.3)	19 16 48.3 (½)	281 44	zw. F. k. sichtb.
62	70.09	h. 9-10	15.91	48.8	78 14	
73	15	s. 9	—	47.4	281 54	
75	16	h. 9-10	16.01	49.4	281 48	
78	70.17	8.8	31 18.13	15 21 9.2	277 52	
184	71.17	8.5	18.00	9.0	82 10	
72	70.15	9-10	31 27.54 (½)	18 15 59.8 (½)	280 50	3 F.
80	18	9.0	27.14	16 0.4	280 48	
185	71.17	9.2	27.11	2.5	79 16	
81	70.18	8.7	31 46.76	16 22 43.6	278 54	
89	25	h. 9	46.73	42.1	81 8	
86	70.21	9.1	31 54.59	16 27 26.8	279 0	
186	71.17	9.2	54.61	24.9	81 4	
83	70.19	9.5	31 56.38 (½)	14 50 41.1: (½)	277 22	3 F.
87	21	9.3	56.57	42.4	277 22	
184	71.17	9.3	56.45	42.8	82 40	
62	70.09	h. 9	32 0.91	18 40 20.1	78 50	
73	15	h. 9	—	19.2 (½)	281 18	
75	16	9	0.95	18.9	281 12	
80	70.18	9.0	32 7.82	20 3 48.1	282 36	
189	71.19	9.0	7.79	49.0	77 28	

[1] 18°1166 $29^s.3$ v., s. 9^m [2] 15°1609 $8^m.5$ [3] 17°1620 s. 9^m

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
5	69.17	5-6	$32^m 15^s.37$ (0.3)	17° 57′ 26″.5 (½)	*280° 24′	3 F.
72	70.15	6	15.39 (½)	—	280 —	2 F., schl. st.
74	15	h. 6*	15.42 (2)	25.8	280 30	* orange
191	71.20	6.3*	15.37	25.5	79 34	* schw. röthl.
192	20	5.8*	15.39	25.8		* röthlich
85	70.20	9.0	32 25.23	17 42 58.6	280 14	
186	71.18	8.8	25.13	59.1	79 48	
81	70.18	8.5	32 35.36	16 18 38.9	278 50	
186	71.18	8.5	35.33	38.6	81 12	
78	70.16	9.2	32 50.14 (½)	15 37 15.9	278 8	
187	71.18	9.2	50.16	14.4	81 54	
182	71.12	9.0	32 52.82	14 49 43.0	277 22	
184	17	8.7	52.88	41.2	82 42	
87	70.21	9.1	32 53.79	15 53 50.4	278 26	
189	71.19	9.1	53.67	49.6	81 38	
62	70.09	h. 8-9	33 6.34 (½)	19 38 40.7 (½)	77 53	
73	15	h. 8-9	—	40.9	282 16	
75	16	8-9	6.31	41.0	282 10	
80	70.18	8.6	33 13.15	18 52 30.9	281 24	
185	71.17	8.7	13.16	30.3	78 38	
87	70.21	9.3	33 16.57	15 48 27.8	278 20	
189	71.19	9.4	16.51	[21.9:]	81 44	
190	19	9.3	—	27.8	81 42	
191	20	9.3	16.57	28.0	81 42	
233	72.20	9.2	33 54.58	18 21 1.8	280 54	
85	70.20	8.2	33 55.14	17 9 37.7	279 42	
192	71.20	9.0	55.09 (½)	37.5 (2)	80 22	
83	70.19	Wolk.	34 0.40:(⅓)	14 48 35.9:(⅓)	277 20	
88	21	9.3	0.08	37.4	277 20	
187	71.18	9.4	33 59.99	36.0	82 42	
81	70.18	9.2	34 1.91	16 20 43.0	278 52	
188	71.18	9.2	2.04	40.4	81 10	
87	70.21	8.5	34 3.03	15 37 19.2	278 10	
184	71.17	8.6	2.95	18.2 (⅓)	81 54	
233	72.20	9.0	34 4.05	18 21 36.3	280 54	
85	70.20	8.9	34 5.48	17 39 11.6	280 12	
190	71.19	8.9	—	12.5	79 52	
191	20	9.1	5.49	11.5	79 52	
5	69.17	8-9	34 10.27 (0.3)	18 30 59.3 (½)	280 58	3 F.
72	70.15	8-9	10.41	56.5	281 6	
74	15	8-9	10.23	57.8	281 2	
186	71.17	8.3	10.26	57.8	79 0	
72	70.15	8	34 14.41	18 32 —	281 —	Z. 5: 8^m
74	15	8-9	14.41	40.8	281 4	
186	71.17	8.4	14.36	40.4	78 58	
74	70.15	h. 8-9	34 28.65	18 20 32.4	280 52	
186	71.17	8.4	28.57	30.8	79 10	
74	70.15	9 -- s. 9	34 30.02	18 20 42.5	280 52	
186	71.17	9.2	30.02	42.1	79 10	
78	70.17	8.2	34 40.54	15 52 19.2	278 24	
184	71.17	8.0	40.45	18.9	81 38	
81	70.18	9.2	34 45.30	16 24 34.0	278 56	
188	71.18	9.2	45.37	32.5	81 6	
62	70.09	h. 9	34 52.35	19 18 5.7	78 12	
73	15	s. 9	—	6.5:(⅓)	281 56	dkl. Feld
75	16	. . .*	52.38	6.2	281 50	* s. 9 -- h. 9-10
62	70.09	h. 9-10	35 3.09	19 17 20.3	78 12	
73	15	s. 9	—	19.7:(⅓)	281 54	dkl. Feld
75	16	. . .*	3.15	19.8	281 48	* s. 9 -- h. 9-10
80	70.18	9.3	35 7.31	19 22 4.8	281 54	
185	71.17	9.4	7.27	2.9	78 10	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
81	70.18	9.1*	$35^m 8^s.38$	15° 46′ 47″.3	278° 18′	* Oc. beschlag.
187	71.18	9.1	8.42	46.8	81 44	
5	69.17	—	35 14.40 (0.1)	19 17 56.8 (½)	281 46	1 F.
62	70.09	. . .*	14.22	56.3	78 12	* 9-10 -- h. 9-10
73	15	s. 9	—	55.8:(⅓)	281 56	dkl. Feld
75	16	h. 9-10	14.47	56.5	281 50	
74	70.15	9	35 15.84	18 18 46.6	280 50	
186	71.17	8.9	15.78	45.7	79 12	
80	70.18	7.8	35 21.00 (½)	17 59 4.7	280 30	
186	71.18	8.0	20.95	5.2	79 32	
233	72.20	8.2:	20.94 (½)	6.4 (½)	280 30	
234	22	8.0	21.04	4.6	79 32	
85	70.20	9.0	35 36.85	17 43 0.6	280 14	
189	71.19	8.6	36.88	0.4	79 48	
78	70.17	9.0	35 37.54	15 33 12.1 (½)	278 4	
184	71.17	8.6	37.57	11.3	81 58	
85	70.20	9.5	35 38.54	17 56 19.1	280 28	
186	71.18	9.5	38.28	16.7	79 36	ziemlich
233	72.20	9.2	38.37 (½)	18.5	280 28	
234	22	9.3	38.32	17.6	79 36	
85	70.20	9.0	35 40.45	17 1 1.2	279 32	
188	71.18	9.1	40.49	1.9	80 30	
83	70.19	9.0	35 40.93	15 21 49.0	277 54	
187	71.18	8.4	41.04	48.2	82 10	
87	70.21	9.0	35 53.14	15 5 25.8	277 38	
190	71.19	9.0	--	26.1	82 26	
191	20	9.1	53.13	24.5	82 26	
80	70.18	8.3	36 2.37	18 16 36.5	280 48	
189	71.19	8.4	2.39	35.1	79 14	
80	70.18	9.0	36 6.32	19 43 48.8	282 16	
185	71.17	9.2	6.40	50.6	77 48	
88	70.23	9.3	36 12.53	19 34 17.0	282 6	
185	71.17	8.6	12.57	16.2	77 58	19° 1809 $9^m.0$
81	70.18	8.9	36 22.48	16 7 11.8	278 38	
190	71.19	9.0	—	12.0	81 24	
191	20	9.0	22.51	11.5	81 24	
87	70.21	9.1	36 26.87	15 28 42.2	278 0	
187	71.18	9.4	26.85	41.5	82 2	
81	70.18	8.9	36 30.92	16 34 21.4	279 6	
189	71.19	9.3	30.76	20.8	80 56	
182	71.12	9.4	36 38.33	15 38 35.5	278 12	
190	19	9.3	—	36.1	81 52	
191	20	9.3	38.43	35.3	81 52	
182	71.12	8.5	36 43.16	19 4 49.5 (½)	281 38	
185	17	9.0	43.27	48.8	78 26	
83	70.19	8:	36 47.87	15 33 12.6 (½)	278 4	
88	22	7.9	47.80	12.2	278 6	
187	71.18	7.2	47.78	14.1	81 58	
85	70.20	9.0	36 58.84	17 47 17.8	280 20	
186	71.18	9.1	58.83	18.5	79 44	
88	70.22	9.1	37 4.22	17 20 1.8 (½)	279 52	
188	71.18	9.2	4.37	1.6	80 12	
72	70.15	8	37 10.85	18 28 50.6	281 4	
185	71.17	8.3	10.97	51.2	79 2	
80	70.18	8.6	37 14.21	18 53 52.9	281 26	
189	71.19	8.5	14.19	52.6	78 38	
85	70.20	8.8	37 25.11	17 46 27.4	280 18	
186	71.18	8.9	25.02	27.6	79 44	
88	70.22	9.0 W.	37 30.30	17 18 7.1	279 50	
188	71.18	8.5	30.31	7.3	80 14	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
83	70.19	9:	$37^m32^s.24$	15° 29′ 25″.1	278° 0′	
187	71.18	9.1	32.31	23.2	82 2	
80	70.18	8.5	37 34.93	18 6 34.8	280 38	
189	71.19	8.6	34.88	34.4	79 24	
78	70.16	9.0	37 40.49	15 45 35.5	278 18	
188	71.18	8.9	40.56	36.1 (½)	81 46	
74	70.15	9	37 50.48	18 20 33.0	280 52	
186	71.17	9.1	50.45	32.2	79 10	
80	70.18	8.0	37 53.10	16 11 38.6	278 44	
188	71.18	8.3	53.13	36.5	81 20	
78	70.16	9.1	38 16.37	15 14 11.2	277 46	
187	71.18	9.0	16.39	10.5	82 18	
87	70.21	8.0	38 20.82	14 53 58.4	277 26	
187	71.18	8.6	20.94	58.0	82 38	
72	70.15	s. 8	38 51.52	18 28 11.4 (½)	281 2	
185	71.17	8.3	51.46	12.2 (½)	79 2	
74	70.15	h. 6*	38 53.19	18 48 47.1	281 20	* lebh. orange
90	26	—	53.16	46.8 (½)	78 42	
234	72.22	6*	53.21	46.7	78 42	* orange
81	70.18	7.3	39 0.36	16 44 23.8	279 16	
89	25	8	0.39 (½)	24.1 (½)	80 47	
233	72.20	8.1	0.33	24.8	279 16	
85	70.20	8.4	39 5.64	17 18 59.3	279 50	
186	71.18	8.4	5.63	19 0.0 (½)	80 12	
62	70.09	9-10	39 26.52:(½)	19 13 10.9:(½)	78 16	
75	16	s. 9	26.67	13.9	281 46	
184	71.17	9.2	26.67	14.3	78 18	19°1828 $9^m.3$
80	70.18	8.5	39 30.13	16 57 3.8	279 30	
90	26	s.8 -- h.8-9	30.04 (½)	4.6 (½)	80 34	
234	72.22	8.5	30.08	4.2	80 34	
74	70.15	h. 9-10	39 41.78	18 1 15.6	280 32	Bem.[1]
185	71.17	9.2	41.76	14.5	79 30	18°1737 $9^m.3$
78	70.17	8.7	39 46.56 (½)	15 48 17.6 (½)	278 20	
184	71.17	8.4	46.55	17.4	81 42	
83	70.19	8.9	39 48.32	16 39 34.8	279 12	
89	25	h. 9	48.29	34.3	80 52	
81	70.18	9.3	39 50.74	16 50 19.4	279 22	
62	70.09	s. 8-9	39 51.48	19 5 32.3	78 24	
75	16	h. 8-9	51.41	33.9	281 38	
234	72.22	8.4	51.41	34.0	78 26	
62	70.09	h. 9-10	39 58.61	19 8 51.1	78 20	
75	16	9 -- s. 9	58.54	50.8	281 40	
234	72.22	9.2	58.52	51.6	78 22	
81	70.18	9.0	40 2.78	16 50 47.7	279 22	
189	71.19	9.1	2.72	46.9	80 40	16°1553 $9^m.4$
80	70.18	9.0	40 12.88	17 31 38.7	280 4	
186	71.18	8.9	12.72	40.5	80 0	
78	70.17	8.7	40 16.46	15 49 38.1	278 22	
184	71.17	8.3	16.44	37.8	81 40	
62	70.09	h.9 -- s.8-9	40 18.65	19 21 1.1	78 8	
75	15	8-9	18.69	1.2	281 52	
74	70.15	9	40 18.73	18 10 37.7	280 42	
185	71.17	8.2	18.73	36.9	79 20	
85	70.20	8.7	40 25.33	15 41 30.7	278 14	
184	71.17	8.5	25.37	30.8	81 50	
188	18	8.7	25.41	30.8	81 50	
83	70.19	9.2	40 26.65	16 45 12.7	279 16	
189	71.19	9.3	26.57	12.6	80 46	

[1] 18°1737 h. 9-10^m

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
83	70.19	8.8:	$40^m27^s.82$	16° 0′ 40″.1	278° 32′	
190	71.19	9.0*	—	40.3 (½)	81 30	* höchst $8^m.5$
191	20	8.6	27.79	40.1 (½)	81 30	
81	70.18	8.9	40 34.74	16 55 42.5	279 28	
186	71.18	9.3	34.72	42.1	80 36	
85	70.20	8.9	40 40.26	17 2 24.3	279 34	
186	71.18	9.0	40.37	25.5	80 28	
78	70.16	9.1	40 56.24	15 46 41.0	278 18	
187	71.18	8.9	56.20	39.9	81 44	15°1664 $9^m.2$
72	70.15	8.9	41 7.84	18 38 40.6	281 14	} Dpl.
		7-8	8.27	40.1 (½)	281 14	
185	71.17	9.1	7.70	41.3	78 52	} » 8° 280°
		8.2	8.13	41.0	78 52	
233	72.20	9.1	7.69 (½)	40.8	281 10	} » 8 273
		8.4	8.17 (½)	40.8	281 10	
234	22	9.2	7.66	41.1	78 52	} » 7 273
		8.2	8.14	41.4	78 52	
78	70.16	8.6	41 21.05	15 30 39.5	278 2	
187	71.18	8.8	21.10	37.8	82 0	Bem.[2]
81	70.18	8.8:	41 21.51 (½)	16 54 25.0	279 26	3 F.
186	71.18	9.2	21.55	24.1	80 36	
74	70.15	s. 7-8:	41 40.05	18 30 0.6	281 2	
185	71.17	7.5	39.97	1.1	79 2	
81	70.18	8.5:	41 43.63	16 52 15.7	279 24	
186	71.18	9.1	43.72	15.5	80 38	
80	70.18	8.0	41 55.10	20 4 47.6	282 36	
185	71.17	7.8	54.99	47.3	77 26	
80	70.18	8.8	41 55.60	18 19 57.2	280 52	
190	71.19	9.1	—	56.3	79 12	
191	20	9.0	55.61	55.1	79 12	Bem.[3]
83	70.19	9	42 10.64	16 26 17.9	278 58	
190	71.19	9.0	—	19.5 (½)	81 4	
191	20	9.1	10.55	18.4	81 4	
78	70.16	8.2	42 41.60	15 25 5.7	277 56	
90	26	8.3	41.63	4.9	82 6	
233	72.20	8.0	41.59	6.0	277 56	
81	70.18	9.0	42 49.86	16 53 22.0	279 26	16°1565 9^m
186	71.18	9.2	49.76	23.6	80 38	
189	19	9.3	49.75	20.8	80 38	
62	70.09	8-9	42 53.38	19 43 15.8	77 46	
75	16	h. 8-9	53.40	15.8	282 14	
234	72.22	8.5	53.39	16.4	77 48	
78	70.17	8.5	42 54.75	15 0 22.3	277 32	
184	71.17	8.3	54.82	21.2 (½)	82 30	
5	69.17	8-9	42 56.84 (½)	18 32 36.8 (½)	281 0	
74	70.15	9*	56.93	35.5	281 4	* neblig
185	71.17	9.0	56.80	34.9	78 58	
72	70.15	h. 9	43 3.51	18 0 13.7	280 34	
74	15	s. 8-9	3.60	14.0	280 32	
190	71.19	8.8	—	15.6	79 30	
191	20	8.5	3.54	14.8 (½)	79 30	
78	70.17	8.9	43 9.64	15 2 37.1	277 34	
184	71.17	8.8	9.62	37.4	82 28	
80	70.18	8.5	43 15.66	17 47 19.3	280 20	
187	71.18	8.3	15.72	18.7 (½)	79 44	
80	70.18	9.0	43 20.35	20 2 53.8	282 34	
185	71.17	9.0	20.31	53.9	77 28	
80	70.18	8.9	43 23.62	17 47 17.2	280 20	
187	71.18	8.9	23.51	16.2	79 44	

[2] $9^m.4$ 14^s v. 2′.5 N. [3] $9^m.4$ fast 30^s v. 0′.5 N.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
33	70.19	8.2	$43^m 26^s.10$	17° 11′ 36″.9	279° 44′	
91	26	s. 8	26.07	35.8	80 18	
8	70.16	7.8	43 28.05	15 9 22.2	277 42	
91	26	h. 7-8	28.11	20.5	82 20	
33	72.20	7.8	28.12	19.4	277 42	schwkd.
31	70.18	8.3*	43 31.11	16 16 55.4	278 48	* Oc. beschlag.
39	25	8.3	31.13	56.8 (½)	81 14	
34	72.22	8.3	31.14	55.7	81 14	
31	70.18	8.6*	43 32.97 (½)	16 16 6.8	278 48	* Oc. beschlag
39	25	8.8	32.93	7.0	81 14	
34	72.22	8.8	33.07	7.2	81 16	
52	70.09	h.9 .. s.8-9	43 51.95	18 59 8.2	78 30	
75	16	s.8-9 .. h.9	51.97	8.3	281 30	
83	70.19	9.2	43 57.26	17 53 50.7:(½)	280 26	
85	20	9.2	57.19 (2)	51.3	280 26	
86	71.18	9.2	57.21	51.5	79 38	
5	69.17	s. 9	43 59.14 (0.4)	18 8 10.8 (½)	280 36	
72	70.15	9	59.04	9.0	280 42	
74	15	s. 9	59.08	8.8	280 40	
85	71.17	9.0	59.08	9.5	79 24	
72	70.15	s. 9	43 59.53	18 16 51.2	280 52	
85	71.17	9.1	59.50	52.2	79 14	
33	72.20	9.2	59.43	52.2	280 48	
83	70.19	9.1	44 8.77	16 22 55.4	278 54	
86	71.17	9.3	8.82	53.3	81 8	16°1570 $9^m.3$
81	70.18	9.0	44 36.04	16 23 33.4	278 56	
86	71.18	9.2	35.91	32.8	81 8	
81	70.18	9.0	44 36.22	16 10 52.3	278 42	
87	71.18	9.4	36.20	52.8	81 20	
62	70.09	7	44 40.57	19 38 35.7	77 52	
75	16	h. 7	40.47	36.0	282 10	
62	70.09	h.8-9 .. s.8	44 53.86	19 46 28.0	77 44	
75	16	8-9 .. h.8-9	53.90	27.0	282 18	
134	72.22	8.2	53.91	27.4	77 46	
83	70.19	9.0	45 9.83	16 58 54.1	279 30	
187	71.18	9.1	9.80	54.2 (½)	80 32	
5	69.17	h. 9	45 12.97 (½)	19 25 7.8 (½)	281 52	
80	70.18	9.0	13.01	7.7	281 56	
90	25	h. 9	12.95	8.9	78 6	
233	72.20	9.0	12.93	8.8	281 56	
80	70.18	8.8	45 30.53	19 8 45.6	281 40	
90	25	s. 8-9	30.57	46.2	78 22	
234	72.22	8.5	30.48	46.9	78 24	
72	70.15	s. 9	45 55.15	18 0 38.4	280 34	
74	15	s. 9	55.29	38.9	280 32	
185	71.17	9.0	55.27	39.0	79 30	
78	70.16	8.1	46 0.15	15 41 52.9	278 14	
90	26	(Wolk.)	0.24	52.0	81 50	
233	72.20	7.6	0.18	51.8	278 14	
72	70.15	s. s. 9	46 3.47	18 0 30.3	280 34	
74	15	9-10	3.24	31.1	280 32	
185	71.17	9.2	3.32	31.0	79 30	
80	70.18	8.8	46 7.82	17 53 54.1	280 26	
186	71.18	9.1	7.67 (½)	54.3	79 38	
85	70.20	8.6	46 10.15	15 55 14.0 (½)	278 28	
91	26	8-9	10.16	13.2	81 34	
81	70.18	8.2	46 12.00	16 2 25.1 (½)	278 34	
89	25	8.6	11.97 (½)	25.2 (½)	81 28	
5	69.17	h. 9-10	46 15.38 (½)	19 31 42.2 (½)	281 58	kaum sichtb.
80	70.18	9.4	15.11:(½)	41.5:(½)	282 4	
87	21	9.0	15.08 (½)	42.5 (½)	282 4	
185	71.17	9.3	15.12	42.5	78 0	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7^h			
85	70.20	8.0	$46^m 15^s.98$	15° 14′ 17″.7	277° 46′	sehr unr.
91	26	8	16.03	16.5	82 16	
83	70.19	7.8	46 16.58	17 10 2.9	279 42	
91	26	s. 7	16.62	1.5	80 20	
74	70.15	s. 8-9	46 16.78	18 6 7.7	280 38	
185	71.17	8.2	16.65 (½)	8.0	79 24	3 F.
85	70.20	8.9	46 17.01	14 50 7.5	277 22	
187	71.18	8.9	17.02	7.5	82 40	
78	70.16	9.1	46 21.65	15 11 54.4	277 44	
187	71.18	9.0	21.69	53.4	82 18	
62	70.09	9	46 30.15	19 19 43.6	78 10	
75	16	9	30.34	43.6	281 52	
234	72.22	9.1	30.16	44.2	78 12	
78	70.16	9.3	46 48.93	15 12 3.2	277 44	
187	71.18	9.2	48.94	2.4	82 18	
81	70.18	7.5	46 50.60	16 21 34.7	278 54	
89	25	7.8	50.67	33.3	81 10	
74	70.15	9 .. s.9	46 55.56	18 51 40.7	281 24	
185	71.17	8.8	55.59	40.3	78 40	
83	70.19	{ 8.8	46 58.95	15 16 19.2 (½)	277 48	} Dpl. 8″ 120°
		{ 9.2	59.34	17.6 (½)	277 48	
190	71.19	{ 9.2	—	20.3	82 14	} » 10 95[1]
		{ 9.4	—	19.5	82 14	
191	20	{ 8.9	58.85	19.5	82 14	} » 8 100[1]
		{ 9.1	59.30	18.8	82 14	
233	72.20	{ 9.0	58.86	19.2	277 48	} » 9 100
		{ 9.1	59.34	17.9	277 48	
234	22	{ 9.3	58.76	20.2	82 16	} » 10 100
		{ 9.4	59.38	19.4	82 16	
72	70.15	s. 9	47 30.19	18 5 49.5	280 40	
5	69.17	h. 9	47 31.20 (0.4)	18 2 43.5 (½)	280 30	
72	70.15	9	31.12	44.4	280 36	
185	71.17	9.1	31.04	42.5	79 28	
74	70.15	s. 7	47 36.23	18 25 32.1	280 58	
90	25	h. 8	36.16	32.1	79 6	
87	70.21	8.0	47 36.72	15 45 36.2 (½)	278 18	
190	71.19	8.0	—	37.3	81 46	15°1702 $9^m.2$
191	20	8.2	36.71	36.8	81 46	
62	70.09	8	47 37.04	19 34 39.4	77 56	
75	16	h. 8	37.00	39.4	282 6	
72	70.15	s. 8	47 43.31	18 16 56.1	280 52	
74	15	8	43.25 (½)	56.8 (½)	280 48	sehr unr.
90	25	s. 8	43.17 (½)	57.3 (½)	79 15	
78	70.16	9.2	47 44.11	15 22 35.5	277 54	
187	71.18	9.7	44.04	33.6	82 8	Bem.[2]
85	70.20	9.2	47 51.34	17 33 19.5	280 4	
186	71.18	9.1	51.28	19.6	79 58	Dpl.(10″ 55°)??
83	70.19	9.1	48 1.80	15 34 6.2	278 6	
190	71.19	9.0	—	5.7	81 58	
191	20	9.0	1.76	4.6	81 58	
85	70.20	8.5	48 15.88	16 49 37.0	279 22	
89	25	8.5	15.86	35.9	80 42	
233	72.20	8.5	15.84	36.7	279 22	
62	70.09	s. 8-9	48 34.89	19 41 36.5	77 48	
75	16	8-9	34.80	37.1	282 14	
5	69.17	8	48 34.87 (0.3)	19 10 2.2 (½)	281 38	3 F.
62	70.09	s.8-9 .. h. 9	34.79	2.2	78 20	
75	16	s. 8-9	34.81	1.9	281 42	
80	70.18	9.2	48 35.12	20 5 6.3	282 36	
185	71.17	9.1	35.10	7.0	77 26	

[1] 15°1098 $9^m.3$

[2] Z. 81: 16°1583 $9\text{-}10^m$, appr. $7^h 47^m 48^s$ +16° 48′.3; s. $9\text{-}10^m$ 1′.5 N.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7h			
81	70.18	8.7	48m 44s.02	16° 21′ 35″.0	278° 54′	
89	25	h.9	43.89	35.4	81 10	
80	70.18	8.8	48 52.21	18 37 36.5	281 10	
90	26	9	52.22	38.0	78 54	
62	70.09	8-9	49 2.25	19 30 49.4	78 0	
75	16	s. 8-9	2.32	49.1	282 2	
78	70.16	9.1	49 5.62	15 25 23.1	277 58	
187	71.18	8.9	5.72	22.4	82 6	
233	72.20	9.0	5.48	22.1	277 58	
85	70.20	9.0	49 26.52	17 3 19.1	279 36	
186	71.18	8.6	26.52	19.0	80 28	
81	70.18	9.0	49 35.37	16 27 24.1	279 0	
89	25	9	35.44	23.9	81 4	
5	69.17	s.9	49 37.21(0.2)	18 17 10.8 (½)	280 44	2 F.
72	70.15	s.9	37.19	9.7	280 52	
74	15	9 .. h.9-10	36.99	10.9	280 48	
185	71.17	9.2	36.99	10.6	79 14	
78	70.16	8.6	49 46.23	15 27 43.7	278 0	
91	26	h.9	46.32	40.4	82 2	
62	70.09	s.9	49 46.91	19 27 7.4	78 4	
75	16	9	46.89	6.7	281 58	
78	70.16	8.6	49 48.96	15 17 46.8	277 50	
91	26	8-9	49.01	45.9	82 12	
234	72.22	8.6	48.99 (½)	48.3	82 14	
81	70.18	6.5	49 53.44	16 7 20.9	278 40	
89	25	6	53.51	21.2	81 24	
233	72.20	6.3*	53.49	21.1	278 40	* schw. orange
83	70.19	9.4*	49 54.00::(½)	17 18 56.6::(½)	279 50	* wohl Cirri;
85	20	9.4	53.92	57.5	279 50	[dkl. F.
186	71.18	9.2	53.77	57.5	80 12	
80	70.18	9.0	49 54.80	19 19 58.9	281 52	
90	25	9	54.78	59.0	78 12	
81	70.18	9.0	49 56.57	16 9 38.1	278 42	
89	25	9	56.53	37.8	81 22	Z. 233: 8m
72	70.15	9 .. s.9	50 1.54	18 30 31.2	281 6	
74	15	h.9	1.55	32.3	281 2	
186	71.18	9.0	1.55	31.3	79 0	
87	70.21	9.0	50 7.99	18 39 53.1	281 12	
190	71.19	9.2	—	55.1	78 52	
191	20	9.3	7.95	54.3	78 52	
83	70.19	8.8*	50 19.18	18 26 5.0	280 58	* wohl Cirri
186	71.17	8.0	19.23	4.6	79 6	18°1796 9m.2
62	70.09	s.9	50 20.90	19 31 38.1	77 58	
75	16	9 .. s.9	20.90	38.4	282 4	Z. 185: 9m.1
83	70.19	9.2*	50 22.58	17 47 50.5:(½)	280 20	* wohl Cirri
85	20	9.0	22.63	48.0	280 20	
190	71.19	9.1	—	48.7	79 44	helle Bel.
191	20	9.1	22.57	48.8	79 44	
80	70.18	8.9	50 24.55	19 8 9.1 (½)	281 40	
90	25	9 .. s.9	24.45	8.4	78 22	
78	70.16	9.3	50 24.69:(½)	15 23 0.6:(½)	277 54	
87	21	9.1	24.68	22 59.2	277 56	9m.3 n. f. 2s
187	71.18	9.2	24.67	58.3	82 8	9.3 n. f. 3′ entf.
75	70.16	9 .. s.9	50 26.05	19 28 28.6	282 0	
185	71.17	9.0	26.01	29.1	78 2	
5	69.17	h. 8-9	50 42.13(0.3)	18 34 53.8 (½)	281 2	3 F.
72	70.15	s. 8-9	42.22	52.8	281 10	
186	71.17	8.7	42.13	52.1	78 56	
72	70.15	8-9	50 48.87	18 1 24.1	280 36	
74	15	8-9	48.91	24.1	280 34	
185	71.17	8.6	48.87	24.7	79 30	
234	72.22	8.9	48.93	24.9	79 30	
			7h			
81	70.18	9.2	51m 6s.72	16° 5′ 46″.4	278° 38′	
89	25	s.9	6.65	46.0	81 26	
78	70.16	9.4	51 8.40	15 29 38.7	278 2	
187	71.18	9.4	8.28	37.6	82 2	
190	19	9.4	—	37.5	82 2	
191	20	9.3	8.21	38.0	82 2	
233	72.20	9.3	8.02	37.3	278 2	zl. unsicher
190	71.19	9.5	51 —	15 29 3.3	82 2	Z. 78: 9m…
191	20	9.6	9.82	0.5	82 2	[187: 9m…
233	72.20	9.4	9.64	1.6	278 2	
85	70.20	9.2	51 21.63 (½)	17 41 24.5 (½)	280 13	
191	71.20	9.3	21.56	23.5	79 50	
81	70.18	9.4	51 21.93	16 17 44.9	278 50	
187	71.18	9.3	21.89	44.4	81 14	
88	70.22	(s.7 W.)	51 23.49	16 51 12.1	279 24	
92	26	6 ±	23.53	13.3 (½)	80 40	
83	70.19	9.2*	51 30.70:(½)	16 23 34.3:(½)	278 56	* wohl Cirri
87	21	9.2	30.71	33.3	278 56	
189	71.19	9.3	30.63 (½)	32.8 (½)	81 8	
234	72.22	9.3	30.64	34.2	81 8	
182	71.12	9.0	51 32.05	17 3 49.6	279 36	
190	19	9.0	—	52.1	80 28	helle Bel.
191	20	9.1	32.18	50.9 (½)	80 26	
83	70.19	9.2*	51 49.51:(½)	16 23 37.6:(½)	278 56	* wohl Cirri
87	21	9.2	49.46 (½)	37.5 (½)	278 56	
189	71.19	9.2	49.50 (½)	37.5 (½)	81 8	
234	72.22	9.2	49.36	37.9	81 8	
5	69.17	9	51 53.26(0.3)	19 49 14.0 (½)	282 16	3 F.
62	70.09	s.9	53.06	13.4	77 40	
75	16	9	53.15	13.9 (½)	282 21	
72	70.15	s.9	52 6.51	18 0 56.0	280 36	
74	15	9 .. s.9	6.47	56.2	280 32	
185	71.17	8.8	6.52	56.3	79 30	
85	70.20	7.8	52 9.51	17 9 25.3 (½)	279 41	
92	26	h.8	9.51 (½)	24.4 (½)	80 22	
233	72.20	8.0	9.45	24.0	279 42	
83	70.19	9.2	52 11.40:(½)	17 18 23.0:(½)	279 50	
87	21	9.0	11.20	23.3	279 50	
186	71.18	9.1	11.15	23.8	80 12	
78	70.16	8.7	52 13.15	15 9 27.1	277 42	
91	26	s. 8-9	13.16	26.7	82 20	
91	70.26	h.8	52 18.17	15 12 10.5	81 48	
182	71.12	8.5	18.15 (½)	11.2 (½)	278 14	
78	70.17	9.0	52 35.87	15 24 48.9	277 56	
91	25	9	35.86	47.9	82 6	
87	70.21	9.0	52 36.36	17 28 34.6	280 0	
185	71.17	8.8	36.35	34.7	80 2	
83	70.19	9.0*	52 59.50	17 24 15.6	279 56	* wohl Cirri
185	71.17	8.5	59.46	11.8	80 6	
5	69.17	9-10	53 3.97(0.1)	19 51 21.7(0.2)	282 18	Bem.[2]
62	70.09	9-10	4.41	25.4	77 38	
75	16	h. 9-10	4.44	26.5	282 24	
81	70.18	8.9	53 6.59	16 18 44.3	278 50	
89	25	9	6.54	44.1	81 12	
187	71.18	8.5	6.60	43.8	81 12	
233	72.20	9.0	6.59	44.2	278 50	
187	71.18	9.3	53 8.66	16 16 54.5	81 14	
233	72.20	9.3	8.75	54.0	278 48	
77	70.16	8.7	53 9.96	16 1 25.1	278 34	
85	20	8.9	9.86	25.4	278 34	
186	71.18	8.6	9.90	24.4 (½)	81 30	

[1] Diese δ verfehlt [2] uns.; 2 F., 0s.64 verschieden

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			7h			
80	70.18	7.3	53m18s.09	19°11′ 0″.5	281°42′	
90	25	7 ·· s.7	18.11	1.1	78 20	
234	72.22	7.2	18.28	0.9	78 20	
182	71.12	9.4	53 26.44	16 2 54.1	278 36	
186	18	9.3	26.30	53.1	81 28	
72	70.15	8	53 28.69 (½)	18 35 10.1 (½)	281 10	
74	15	7	28.65	11.5	281 6	
92	26	s.7	28.69	9.5 (½)	78 56	
81	70.18	8.2	53 36.04	16 55 44.9	279 28	
89	25	8	35.99	45.5	80 34	
86	70.21	wie h.7-8	53 37.40 (½)	17 38 57.1	280 10	
92	26	5:	37.43 (½)	57.2 (½)	79 52	
78	70.16	8.9	53 45.04	14 59 14.9	277 30	
91	26	s. 8-9	45.00	14.8	82 32	
77	70.16	8.6	53 55.20	16 34 31.4	279 6	
189	71.19	8.5	55.29 (½)	30.4 (½)	80 56	
81	70.18	8.3	53 55.32	16 31 9.0	279 4	
89	25	8.5	55.27	9.0	81 0	Z.189: 8m
62	70.09	h.9	53 59.34	19 56 18.7	77 34	
75	16	8.9 ·· s 8.9	59.39	19.5	282 28	
72	70.15	—	54 3.17 (½)	18 43 54.0	281 18	2 F.
74	15	8.9 ·· s.8.9	3.21	54.7	281 16	
92	26	9	3.18	55.0	78 46	Bem.[1]
80	70.18	{ 8.5	54 14.47	17 17 32.6	279 50	} Dpl.
		{ 9.5	14.94:	38.0	279 50	
90	26	8.5	14.52	33.0	80 14	
234	72.22	8.0	14.63	32.5	80 14	Bem.[2]
5	69.17	h.9-10	54 15.00(0.3)	18 50 37.1 (½)	281 18	
74	70.15	9 ·· s.9	14.99	36.7	281 22	
185	71.17	9.2	14.96	35.8	78 40	
86	70.21	[wie s.7-8]	54 22.72	16 47 52.2	279 20	
93	26	6	22.72	54.0	80 42	
233	72.20	5.8	22.70	53.4	279 20	
83	70.19	9.2*	54 45.96	17 22 48.1	279 54	* wohl Cirri
186	71.18	9.1	45.71	47.5	80 8	
187	18	9.2	45.80	45.9	80 8	
80	70.18	7.9	54 48.06	20 4 55.2	282 36	
90	22	8	48.09	55.7	77 26	
78	70.16	9.2	54 49.88	15 54 23.4	278 26	
91	26	s.9	49.90	23.7	81 36	
80	70.18	8.7	54 53.97	16 0 42.3	278 32	
90	26	9	54.03	42.5	81 30	
85	70.20	9.2	54 58.05	17 31 32.4	280 4	
186	71.18	9.0	57.79	31.2	80 0	
85	70.20	9.2	55 3.17	15 42 52.1	278 14	
189	71.19	9.2	3.17	49.5	81 48	
83	70.19	9.1	55 21.68	17 10 4.5	279 42	
189	71.19	9.2	21.55 (½)	2.2 (½)	80 20	
78	70.16	9.1	55 27.02	15 31 25.1	278 4	
91	26	s. 8-9	27.06	25.6	82 0	
80	70.18	9.2	55 27.86	19 6 8.3	281 38	
185	71.17	9.1	27.93	8.0	78 24	
81	70.18	8.5	55 31.08	16 15 39.0	278 48	
89	25	8.2	30.99	39.7	81 16	
81	70.18	7.7	55 39.36	15 17 42.9 (½)	277 50	
89	25	7.5	39.25	43.4	82 14	
75	70.16	8	56 19.00	17 11 51.7	279 44	
93	26	h.8	19.03	51.0	80 20	
			7h			
72	70.15	h.8	56m29s.36	18° 4′31″.1	280°40′	
74	15	s.8	29.38	31.3	280 36	
185	71.17	8.1	29.37	30.9	79 26	
77	70.16	8.9	56 42.87	15 27 9.3	277 58	
91	26	h.9	43.03	9.7 (½)	82 4	
75	70.16	s.8-9 ·· h.9	56 48.09	16 59 40.7	279 32	
92	26	h.9	48.14	40.7	80 32	
81	70.18	8.8	56 55.56	14 54 59.7	277 26	Z.83: 9m
89	25	9	55.57	55 0.3	82 36	
81	70.18	9.3	57 19.88:(½)	14 53 5.0:(½)	277 24	3 F.
83	19	9.4	19.87	6.6	277 26	
89	25	9.3	19.76	5.7	82 38	
234	72.22	9.2	57 21.01	15 42 58.2	81 48	Z.78: 9m.2
75	70.16	9-10	57 26.61	17 49 29.9	280 22	
185	71.17	9.3	26.52	28.7 (½)	79 42	
80	70.18	6.8	57 31.64	19 11 38.2	281 44	
90	26	6.7	31.67	39.1	78 20	
233	72.20	7.0	31.74	37.5	281 44	
78	70.16	8.9	57 31.97	15 43 26.4	278 16	15°1741 9m.2
91	26	8-9*	31.93	26.6 (½)	81 48	* viell. 8.9 zu
234	72.22	8.4	31.95	24.8	81 48	[lesen
72	70.15	s.8 (W.)	58 11.56	17 58 28.8	280 34	
74	15	8	11.60	29.9	280 30	
92	26	8	11.68	28.5	79 32	
78	70.16	9.0	58 12.03	15 6 30.2	277 38	
91	26	h.9	11.92	30.2	82 24	
233	72.20	8.7	11.93	28.9 (½)	277 38	
78	70.16	9.2	58 25.06	15 40 57.4	278 12	
91	26	9.2	24.89	57.0 (½)	81 50	
72	70.15	9	58 44.06	18 20 50.2	280 56	
74	15	9	44.02 (½)	51.1 (½)	280 52	
185	71.17	9.1	44.00	51.1	79 10	Bel. e. z. hell
80	70.18	9.0	58 45.01	18 58 44.6	281 30	
90	26	h.9	45.01	43.5	78 32	
77	70.16	9.1	58 46.57	16 51 27.3	279 22	
186	71.18	8.9	46.55	26.5	80 40	16°1633 9m.2
5	69.17	[8]	58 50.69(0.2)	19 6 —	281 —	
80	70.18	9.2	50.77	4.2	281 38	
90	26	h.9	50.87	3.9	78 24	
234	72.22	8.5	50.89	4.0	78 26	
77	70.16	9.2	59 2.15	16 44 25.6	279 16	
186	71.18	9.0	2.22	25.2	80 46	
77	70.16	8.0	59 5.48	15 42 6.3 (½)	278 14	
91	26	7.5	5.46	6.4	81 48	
233	72.20	8.0	5.37	7.1	278 14	
5	69.17	h.9	59 43.08 (½)	19 6 30.4 (½)	281 34	
80	70.18	9.2	43.08 (½)	31.8 (½)	281 38	
90	26	s.9	43.18	31.4	78 24	
234	72.22	9.2	43.19	32.5	78 26	
72	70.15	s.9: W.	59 45.39 (½)	18 59 54.9 (½)	281 34	
185	71.17	9.0	45.32	56.2	78 32	
78	70.16	8.7	59 55.32	15 30 48.4	278 2	
91	26	8.0	55.22	48.9 (½)	82 0	
233	72.20	8.5	55.28	48.6	278 2	
			8h			
78	70.16	9.3	0 1.15	15 29 —	278 —	
91	26	9.3	1.09 (½)	41.2	82 2	
233	72.20	9.3	0.98	41.0	278 2	
75	70.16	h.9	0 1.92	17 40 51.5	280 12	
92	26	h.9	1.88	51.2	79 50	
234	72.22	8.5:	2.02	51.7	79 50	

[1] äuss. schw., aber sicher. Hgl. −s.089 ang. [2] Com. 9m.5 10″ 45°:

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
75	70.16	s. 9	0m 10s.18	17° 32′ 12″.7	280° 4′	
186	71.18	9.3	10.20	11.7 (½)	79 58	
81	70.18	8.5	0 29.30	15 21 32.5	277 52	
89	25	h. 9	29.31	31.3	82 10	
81	70.18	8.5	0 48.92	15 50 24.1	278 22	
89	25	8.8	48.90	25.1	81 40	
5	69.17	8-9	0 51.91 (0.3)	18 19 55.9 (½)	280 48	
72	70.15	8-9	51.85	54.2	280 54	
74	15	8-9 .. s. 8-9	51.84 (½)	55.6 (½)	280 53	
185	71.17	8.5	51.83	55.8	79 12	
80	70.18	7.9 zfl.	0 54.48	19 34 43.9	282 6	
90	26	7.5	54.51	44.6	77 56	
77	70.16	8.7	1 0.97	16 46 33.2	279 18	
186	71.18	8.4	1.01	31.7 (½)	80 44	
75	70.16	h. 9	1 1.43	17 45 36.0	280 18	
92	26	9	1.46	35.8	79 46	
234	72.22	8.5:	1.46	35.6	79 46	
77	70.16	9.2	1 6.11	15 55 21.9	278 28	
91	26	s. 9	6.25 (½)	20.6	81 36	3 F.
80	70.18	9.1	1 15.84	15 15 43.5	277 48	
90	26	9.4	15.91	43.3	82 14	
81	70.18	8.7	1 17.69	15 21 12.9	277 52	
89	25	9	17.66	12.4	82 10	
80	70.18	8.6	1 20.17	15 12 54.5	277 44	
90	26	8.3	20.21	53.9	82 18	
72	70.15	9	1 34.33	17 39 38.3	280 14	
185	71.17	9.1	33.98	39.9	79 52	Bel. e. z. hell
234	72.22	8.7:	34.10	39.9	79 52	
185	71.17	9.3	1 55.21	16 24 45.8	81 6	
233	72.20	9.3	55.21	46.2	278 56	
234	22	9.2	55.39 (½)	45.3	81 8	3 F.
81	70.18	9.1	1 56.70	15 3 56.9	277 36	
89	25	9.2	56.82	57.9	82 26	
77	70.16	9.4	1 57.41	16 24 5.3	278 56	9m.6 2s v. 1′ N.
185	71.17	9.3	57.47	6.4	81 6	
233	72.20	9.1	57.42	6.6	278 56	
234	22	9.1	57.44	7.1	81 8	
77	70.16	9.4	2 39.63	15 22 10.3	277 54	
91	26	9.2	39.69 (½)	8.9	82 8	3 F.
72	70.15	s. 8	2 45.83	17 36 59.3	280 12	
92	26	h. 8	45.86	58.9 (½)	79 55	
5	69.17	h. 8-9	2 47.88 (½)	19 24 44.4 (½)	281 52	
80	70.18	8.9	47.84 (½)	45.8 (½)	281 56	
90	26	8.8	47.94	45.6	78 6	
75	70.16	s. 7 .. h. 7-8	2 —	17 22 55.2	279 56	
83	19	7.7	52.81	56.7	279 54	
93	26	—	—	55.7	80 8	
94	27	h. 8	52.78	55.0 (½)	80 8	
233	72.20	7.8	52.77	54.2	279 56	
81	70.18	8.7	2 52.96	15 7 57.1 (½)	277 40	
89	25	9.0	52.94	58.1	82 22	
75	70.16	9	3 —	17 12 37.0	279 44	
83	19	8.5	0.91	36.7	279 44	
91	26	8.4	0.87	36.5	80 18	
81	70.18	7.3	3 5.89	14 52 36.4	277 24	
89	25	7.7	5.89	37.3	82 38	
81	70.18	9.2	3 31.36	14 53 9.9	277 26	
89	25	9.3	31.35	10.5	82 38	
80	70.18	9.1	3 34.32: (½)	19 23 54.9: (½)	281 56	
83	19	9.0	34.36 (½)	53.4 (½)	281 56	Bem.[1]
90	26	9.3	34.32	55.2 (½)	78 6	

[1] Spl., oder Com. a. seq. 5s?

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
75	70.16	s. 8	3m 49s.71	16° 43′ 32″.7	279° 16′	
92	26	h. 8	49.66	32.5	80 48	
233	72.20	8.5	49.69	32.7	279 16	
77	70.16	9.3	3 56.08	16 56 30.7	279 28	
91	26	s. 8-9	56.16	29.9	80 34	
83	70.19	7	3 57.44	14 59 52.6	277 32	
93	26	s. 6	57.46	52.2	82 30	
5	69.17	h. 9	4 2.51 (0.4)	19 31 1.7 (½)	281 58	
80	70.18	9.1	2.51	2.0 (½)	282 2	
90	26	9.0	2.56	0.8	78 0	
77	70.16	9.2	4 3.54	16 9 10.4	278 42	16°1653 9m.3
91	26	s. 8-9	3.55	10.8	81 22	
80	70.18	9.1	4 7.43	19 38 17.0	282 10	
90	26	9.2	7.38	17.3	77 52	
75	70.16	h. 9	4 27.09	17 22 3.3	279 54	
92	26	8-9	26.99	3.3	80 8	
81	70.18	7.3	4 30.97	16 35 11.5 (½)	279 7	
89	25	7.2	30.94	11.5	80 56	
233	72.20	7.5 orge	31.00	12.6	279 8	
83	70.19	7.8	4 42.98	16 54 11.3	279 26	
93	26	7	42.89	10.4	80 36	
77	70.16	8.6	4 43.49	16 28 4.4	279 0	
91	26	8.0	43.43	4.7	81 2	
5	69.17	5	5 2.43 (0.2)	18 1 23.8 (½)	280 28	Com. 6-7m
72	70.15	{ 5	2.39	24.3	280 36	} Dpl.
		{ 7	2.72	18.6	280 36	
94	27	{ 5	2.47	24.2	79 30	} » 7° 13
		{ 6-7	2.69	19.6	79 30	
233	72.20	{ 5.3	2.44	22.5	280 34	} » 6 15
		{ 6.8	2.74	18.4	280 34	
7	69.24	h. 9	5 20.22 (0.4)	18 53 22.1 (½)	281 20	
81	70.18	8.7	20.28	21.8	281 24	
89	25	8.7	20.26 (½)	21.6 (½)	78 38	
80	70.18	8.7	5 35.51	14 57 36.9	277 30	
90	26	8.6	35.54	36.6	82 32	
94	27	s. 8-9	35.57	37.2	82 32	
9	69.25	s. 8-9	5 35.47 (0.4)	18 24 31.8 (½)	280 52	
72	70.15	9	35.55	33.1	281 0	
92	26	9.1	35.57	32.2	79 6	
75	70.16	s. 6	5 53.37 (½)	16 53 16.4 (½)	279 25	
93	26	h. 6	53.39	15.5	80 38	
77	70.16	9.2	5 54.81	16 9 28.0	278 42	
91	26	9.0	54.79	29.4	81 22	
80	70.18	8.5	5 57.04	14 58 14.2	277 30	15°1784 9m
90	26	8.4	56.94 (½)	14.0	82 32	
94	27	h. 9	57.02	13.9	82 32	
1	69.15	9.0	5 *58.18 (0.4)	18 20 8.4 (½)	280 54	* wohl 57s.03
72	70.15	9	58.26 (½)	5.6	280 54	3 F.
92	26	9.0	58.09 (½)	5.3 (½)	79 11	
75	70.16	9	6 13.66	17 46 36.8	280 18	
92	26	8.9	13.70	35.8	79 44	
77	70.16	9.1	6 22.44	16 48 15.2	279 20	
91	26	8.5	22.48	15.5	80 42	
75	70.16	s. 8-9	6 31.12	17 1 18.4	279 34	
93	26	s. 8	31.11	17.3	80 30	
77	70.16	8.6	6 44.87	16 0 26.1	278 32	
91	26	8.2	44.84	27.4 (½)	81 30	
233	72.20	8.4	44.91	26.7	278 32	
80	70.18	8.5	6 48.37	20 3 11.0	282 36	
90	26	8.4	48.35	10.0 (½)	77 28	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
5	69.17	h. 8-9	6m52s.00 (½)	18° 6' 9".4 (½)	280°34'	
78	70.16	s. 8	52.05	10.3	280 38	
93	26	8-9	51.99	9.9	79 24	
34	72.22	8.7	52.03	9.7	79 26	
7	69.24	9	6 57.79 (½)	18 22 27.6 (½)	280 50	
72	70.15	h. 9	57.75	28.7	280 56	18°1883 9m
92	26	8.9	57.76	27.3	79 8	
9	69.25	h. 7	7 1.91 (½)	18 3 3.3 (½)	280 30	
78	70.16	6.5	1.72 (½)	3.6	280 34	3 F.
93	26	h. 7	1.75	3.5	79 28	
72	70.15	9	7 27.35	18 20 1.9	280 54	
75	70.16	h. 9 .. s. 8-9	7 38.87	16 57 57.3	279 30	
83	19	8.7	38.85	56.6	279 30	
93	26	8-9	38.85	57.0	80 32	
34	72.22	8.6	38.87	56.8	80 34	
87	70.21	8.7	7 47.66	18 26 35.0	280 52	
92	26	9.1	47.69	34.9	79 4	
77	70.16	7.6	7 54.48	16 27 23.3 (½)	278 59	
93	26	7.8	54.55	23.3	81 4	
33	72.20	8.0	54.52	22.6	279 0	
81	70.18	8.9	7 57.25	19 59 58.1	282 32	
89	25	9.0	57.23	57.9	77 30	
75	70.16	9 .. s. 9	8 5.14	16 12 22.2	278 44	
91	26	9.0	5.10	22.2	81 18	
33	72.20	8.9	5.11	22.3 (½)	278 44	
5	69.17	7-8	8 30.62 (½)	17 57 11.4 (½)	280 24	
72	70.15	s. 7-8	30.61	7.2	280 32	
92	26	7.8	30.61	8.4	79 34	
34	72.22	7.8	30.71	8.4	79 34	
77	70.16	9.2	8 43.44	16 2 49.4	278 34	
91	26	9.1	43.41	49.4	81 28	
80	70.18	7.6	8 46.60	19 4 28.1	281 36	
90	26	7.5	—	27.4	78 26	
94	27	h. 8	46.56	28.2 (½)	78 26	
80	70.18	9.2	8 50.90	19 4 47.2	281 36	
90	26	9.3	50.95	46.2	78 26	
81	70.18	9.1	8 57.35	15 39 28.5	278 12	
89	25	9.2	57.51	28.0	81 52	
83	70.19	9.0	9 4.26	16 54 38.1	279 26	
185	71.17	8.8:*	4.08	36.6	80 36	* Auge gebl.
185	71.17	9.2	9 40.38	18 4 39.8	79 26	
193	21	9.2	40.38	38.6	280 38	
195	21	9.2	40.33	38.3	280 38	
186	71.17	8.1	9 45.71	18 27 45.0	79 4	
193	21	8.5	45.69	44.8	281 0	
187	71.18	8.5	9 47.07	18 18 59.3 (½)	79 12	
193	21	8.8	47.11	19 0.1 (½)	280 52	
81	70.18	8.8	10 1.64	15 42 1.1	278 14	
89	25	9.2	1.62	0.9	81 48	
83	70.19	9.1	10 14.10 (½)	18 50 53.3	281 24	3 F.
85	20	—	—	52.2	281 24	
87	21	9.0	13.85	52.4	281 22	
92	26	9.3	13.88	51.4	78 40	
75	70.16	h. 9-10	10 23.48	17 47 31.5	280 20	
93	26	s. 9	23.54	31.2	79 42	
81	70.18	9.3	10 32.66	15 41 47.6	278 14	
89	25	9.4	32.65	49.7	81 48	
72	70.15	s. 9	10 33.08	18 48 3.3	281 22	etw. uns.
85	20	9.5	—	3.6	281 20	
87	21	9.1	33.08	2.9	281 20	
92	26	9.3	32.99	2.2	78 42	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
87	70.21	9.1	11m 0s.67	16°53'48".2	279°26'	
91	26	9.2	0.58	47.7	80 36	
77	70.16	7.1	11 10.93 (½)	16 3 51.7 (½)	278 36	
94	27	6.9	10.91 (½)	51.9 (½)	81 26	
234	72.22	7.3	10.93	50.2 (½)	81 28	
80	70.18	8.2	11 14.52 (½)	19 59 47.5 (½)	282 32	
90	26	8.4	14.42 (½)	47.1 (½)	77 31	
1	69.15	8.5	11 41.51 (0.3)	18 42 31.1 (½)	281 16	3 F.
7	24	8.9	41.67 (½)	30.2 (½)	281 10	
72	70.15	s. 8	41.54	31.2	281 18	
92	26	8.4	41.61	31.3	78 48	
72	70.15	9	11 54.73	18 33 8.0	281 8	
92	26	9.1	54.70	6.9	78 58	
75	70.16	h. 8	12 4.06	16 30 38.6	279 2	
93	26	7.8	4.05	38.5	81 0	
234	72.22	7.8	4.08	38.3	81 0	
81	70.18	8.6	12 10.27	15 24 30.9	277 56	
89	25	8.7	10.27	31.4	82 6	
87	70.21	9.0	12 15.78	14 56 47.6	277 28	
91	26	9.1	15.79	47.7	82 24	
77	70.16	9.3	12 36.64	16 21 58.8	278 54	
91	26	9.2	36.80	58.5	81 8	
7	69.24	h. 9	12 47.93 (½)	19 50 37.3 (½)	282 18	
80	70.18	8.5	48.02	37.6	282 22	
90	26	8.5	48.01	35.1	77 40	
234	72.22	8.6	48.00	35.3	77 40	
75	70.16	8	12 56.47	16 36 51.3 (½)	279 8	
91	26	8.0	56.46	50.7	80 54	
81	70.18	9.0	13 9.53	15 51 38.4	278 24	
89	25	9.1	9.49	37.2	81 40	
9	69.25	s. 8-9	13 17.21 (½)	19 38 32.3 (½)	282 6	
80	70.18	8.6	17.02	33.5	282 10	
90	26	8.6	17.04	33.1	77 52	
77	70.16	8.9	13 17.93	16 15 21.3	278 48	
93	26	9.2	17.86	21.4	81 16	
80	70.18	9.0	13 34.85	19 40 35.6	282 12	
90	26	8.9	34.76	35.4	77 50	
75	70.16	9	13 42.52	17 20 36.8	279 52	
92	26	8.5	42.53	34.9 (½)	80 11	spl.[1]
234	72.22	8.5 spl.	42.54	34.4	80 10	
77	70.16	9.3	13 46.13	16 25 47.0	278 58	
91	26	9.3	46.03	46.6	81 4	
195	71.21	9.3	46.07	47.3	278 58	
77	70.16	9.0	13 49.90	16 16 56.8	278 50	
93	26	9.1	49.88	58.6	81 14	
7	69.24	s. 9	13 53.59 (½)	19 50 53.2 (½)	282 18	
80	70.18	8.9	53.66	52.4	282 22	
90	26	9.0	53.49	52.2	77 40	
89	70.25	9.1	14 3.50	16 48 58.7	80 42	
72	70.15	8.9	14 3.49	18 14 19.2	280 50	
94	27	9.0	3.56	20.4	79 16	
81	70.18	8.8	14 5.17	16 39 29.3	279 12	
80	70.18	9.1	14 9.11	19 52 17.8 (½)	282 24	
90	26	9.2	9.00	19.4 (½)	77 38	
198	71.22	9.3	9.04	19.4 (½)	282 24	
81	70.18	8.9	14 9.25	15 6 6.1	277 38	
89	25	9.2	9.29	6.0	82 24	
1	69.15	9.3	14 19.87 (0.6)	18 3 20.0 (½)	280 36	
72	70.16	9	19.91	18.7	280 38	
93	26	9.3	19.94	19.6	79 28	

[1] vielleicht schw. Com. par. dicht v.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8^h			
87	70.21	9.0	$14^m 28^s.40$	15° 22′ 51″.6	277° 54′	
94	27	9.2*	28.41	51.6	82 8	* k. sichtb.
185	71.17	10-11	14 [35.84]	17 40 [43.9]	79 50	Hgl. —^{s}.31
186	18	h. 11	[35.22 ±]	[46.4 ±]	79 50	— —.41
187	18	h. 11	[35.16]	[46.2]	79 50	· —.41
191	20	10	35.55	47.3	79 50	
193	21	10.0	35.36 (½)	44.6 (½)	280 14	
195	21	9.5	35.41 (½)	45.7 (½)	280 14	
234	72.22	8.4*	35.43	46.7	79 50	* röthl. — [1]
9	69.25	s. 8-9	14 37.34 (½)	19 53 3.0 (½)	282 20	
80	70.18	8.9	37.41	5.2	282 26	
90	26	9.0	37.35	4.6	77 38	
186	71.18	11	14 [41.04 ±]	17 [40 56.4 ±]	79 50	Z.185: 11^m :
187	18	h. 11	41.07	41 0.1	79 50	
87	70.21	9.1	14 41.47	14 59 51.9	277 32	
93	26	9.3	41.48	51.0 (½)	82 30	
72	70.15	8-9	14 45.86	17 59 47.2	280 34	
94	27	8.2	45.77	49.0	79 30	
75	70.16	9	14 47.91	17 55 46.8	280 28	
92	26	9.0	47.98	45.5 (½)	79 35	
87	70.21	9.1	14 52.50	15 0 24.5	277 32	
93	26	9.2	52.52	25.0	82 30	
186	71.18	h. 11	14 52.91 ±	17 41 2.4 ±	79 50	Z.185: 10-11^m
81	70.18	7.2	14 56.48	15 9 50.5	277 42	
89	25	7.7	56.55	50.3	82 20	
81	70.18	9.1	15 6.18	15 8 20.8	277 40	
89	25	9.1	6.09	19.3	82 22	
87	70.21	8.5	15 10.89	15 51 25.9	278 24	
91	26	8.5	10.88	25.9	81 38	
7	69.24	s. 9	15 19.07 (0.4)	18 49 27.6 (½)	*281 18	
80	70.18	8.9	19.06	28.2	281 22	
90	26	9.0	18.99	28.7	78 42	
81	70.18	8.7	15 23.99	15 23 24.3	277 56	
89	25	9.0	24.02	23.2	82 6	
77	70.16	7.0	15 27.60	16 33 35.4	279 6	
95	27	7	27.69 (½)	35.6 (½)	80 56	
234	72.22	7.0	27.56	35.0	80 58	
72	70.15	s. 8-9	15 39.92	18 1 57.6	280 36	Z. 9: 8^m
92	26	8.4	39.92	58.4	79 26	
9	69.25	h. 8	15 51.78 (½)	18 4 4.3 (½)	280 32	
72	70.16	8-9	51.74	3.3	280 38	
92	26	8.0	51.63	4.5	79 26	
185	71.17	8.9	16 0.58	17 13 7.1	80 18	Bem. [4]
191	20	8.8	0.59	7.3	80 18	9^m.5 f. 1^s 3′ N.
193	21	9.2	0.39 (½)	7.0	279 46	
75	70.16	s. 8-9	16 6.70	17 17 35.0	279 50	
94	27	8.5	6.71	35.6	80 12	
80	70.18	6.6	16 12.28	18 43 55.0	281 16	
90	26	6.5	12.29	55.0	78 46	
234	72.22	6.4	12.28	54.2	78 48	
1	69.15	7.3	16 16.46 (½)	18 32 9.3 (½)	281 6	Dpl.(ctg.) 235°?
72	70.15	8	16.45	7.8	281 6	
94	27	7.7	16.32	8.1	78 58	
91	70.26	8.0	16 16.95 (½)	15 40 16.6 (½)	81 50	
193	71.21	8.5	16.91	15.2	278 12	
87	70.21	9.1	16 23.06	15 32 20.8	278 4	
91	26	9.2	23.02	20.4	81 58	
81	70.18	9.2	16 56.48	15 27 5.6	278 0	
87	21	9.1	56.51	4.1	278 0	
89	25	9.2	56.67	4.6	82 4	

[1] Z.75: s. 9-10^m [2] Z.191: h. 11^m:, 195: 10-11^m [3] schw. * f. c^a 2^s c^a 2′ N.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8^h			
75	70.16	s. 8-9	$17^m 1^s.34$	17° 36′ 6″.1	280 8′	
93	26	8.8	1.40	5.1	79 54	Z. 234: 8^m [illegible]
77	70.16	8.7	17 9.62	16 43 5.3	279 16	
93	26	8.5	9.62	5.6	80 48	
81	70.18	9.2	17 21.78 (½)	15 24 14.2	277 56	
87	21	9.1	21.78 (½)	12.9 (½)	277 51	
89	25	9.1	21.83	13.7	82 1	
7	69.24	9-10	17 32.25 (½)	18 41 27.6 (½)	281 8	
72	70.15	s. 9	32.30	—	281 —	
92	26	9.2	32.25	27.3	78 50	
193	71.21	9.2	32.35	25.8	281 14	
9	69.25	h. 9	17 37.63 (½)	19 34 22.4 (½)	282 2	
80	70.18	8.9	37.71	21.2	282 6	
90	26	8.8	37.59	22.3	77 56	
75	70.16	7	17 38.51	17 35 19.0	280 8	
93	26	7.3	38.52	17.8	79 56	
234	72.22	7.4	38.50	17.5	79 56	
77	70.16	9.0	17 53.63	16 1 48.3	278 54	
91	26	9.0	53.54	47.9	81 28	
77	70.16	9.2	18 18.77	18 10 57.4	280 42	
92	26	9.1	18.74	57.2	79 20	
81	70.18	9.0	18 32.35	15 32 25.5	278 4	
89	25	8.5	32.32	24.7	81 58	
94	70.27	9.1	18 37.04 (½)	20 0 38.1 (½)	77 30	
193	71.21	9.2	37.03	39.5 (½)	282 34	
195	21	8.8	37.14	38.2	282 34	
75	70.16	s. 6-7	18 45.26	17 27 24.4	280 0	
93	26	6.8	45.28	24.5	80 4	
234	72.22	6.6	45.30	23.7	80 4	
7	69.24	8	18 47.46 (½)	18 14 23.0 (½)	280 42	
72	70.15	h. 8-9	47.41	22.1	280 48	
92	26	7.8	47.34	23.2	79 16	
234	72.22	8.4	47.39	22.1	79 16	
9	69.25	s. 8	19 1.42 (½)	19 14 45.9 (½)	281 42	
80	70.18	8.6	1.36 (½)	45.7	281 46	
90	26	8.5	1.32 (½)	47.3	78 16	
75	70.16	h. 9-10	19 13.45	19 56 0.5	282 28	
93	26	9.5	13.34 (½)	0.8 (½)	77 34	wenig [illegible]
1	69.15	9.3	19 16.85 (0.5)	18 13 48.4 (½)	280 48	
72	70.15	9	17.16	50.5	280 48	
92	26	9.0	16.96	51.1	79 16	
77	70.16	8.8	19 30.76	15 7 37.4	277 40	
91	26	8.5	30.78 (2)	37.0	82 22	
81	70.18	9.4	19 45.45	15 20 10.3	277 52	
89	25	9.2	45.52	8.1	82 10	
81	70.18	9.1	19 51.47	15 39 20.6	278 12	
89	25	8.9	51.49	19.9	81 52	
7	69.24	h. 8-9	19 53.18 (0.4)	19 39 45.8 (½)	282 8	
80	70.18	8.3	53.09	46.0	282 12	
90	26	8.2	53.12	45.6	77 50	
81	70.18	8.7*	19 54.67	15 13 52.9	277 46	* W[illegible]
89	25	8.4	54.57	51.9 (½)	82 17	
234	72.22	8.4	54.60	52.6	82 16	
9	69.25	h. 9	20 3.10 (0.4)	19 42 22.5 (½)	282 10	
80	70.18	8.8	2.95	23.2	282 11	
90	26	8.7	2.91	23.4	77 48	
94	27	9.0	2.93	24.5	77 48	
72	70.15	s. 9	20 35.36	18 29 7.8	281 4	Z. 234: [illegible]
87	70.21	9.2	20 35.97	17 44 25.7	280 16	
92	26	9.1	35.91	25.3	79 46	
75	70.16	9 – h. 9	20 38.99	17 51 24.2	280 21	
92	26	9.2	39.10	23.5 (½)	79 39	

(Z)one	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
77	70.16	8.8	20m40s.66	16°17′52″.9	278°50′	
91	26	8.7	40.61	52.6	81 12	
87	70.21	8.8	20 45.10	16 39 23.2	279 12	
91	26	9.0	45.05	23.4	80 52	
72	70.15	8-9	20 45.16 (½)	18 28 45.4 (½)	281 4	
93	26	8.0	45.12	45.9	79 2	
34	72.22	8.3	45.09	45.4	79 2	
77	70.16	8.8	20 49.29	16 26 39.7	278 58	
94	27	9.0	49.29	39.2	81 4	
7	69.24	9-10	20 53.61(0.3)	19 0 56.8 (½)	*281 28	3 F.
80	70.18	9.1	53.67	58.4	281 34	
90	26	9.1	53.60	57.2	78 30	
85	71.17	9.1	53.68 (½)	57.7	78 30	
81	70.18	8.9 W.?	20 54.28	15 30 34.5 (½)	278 2	
89	25	8.6	54.21	33.2 (½)	82 0	
95	27	s. 8-9	54.24 (½)	34.4 (½)	82 1	
77	70.16	8.5	20 56.94	16 43 11.6	279 16	
94	27	8.5	56.84	10.9	80 48	
87	70.21	{ 9.4	21 20.16	17 15 19.9	279 48	}Dpl. 20″ 190°
		{ 8.6	20.60	50.9 (½)	279 48	
92	26	9.0	20.60 (½)	51.4 (½)	80 15	spl.
234	72.22	{ 9.5	19.96	20.9	80 16	}Dpl.
		{ 9.1	20.57	50.6	80 16	
80	70.18	9.4	21 28.01	16 30 17.6	279 2	
77	70.16	9.0	21 28.86	16 28 3.0	279 0	Z. 80: 8-9m
91	26	9.1	28.81	1.3	81 2	
9	69.25	9	21 37.91 (½)	18 46 50.6 (½)	281 14	
72	70.15	s. 8-9	37.93	50.2	281 22	
93	26	9.0	37.91	51.1	78 44	
77	70.16	8.8	21 45.03	16 44 17.4	279 16	
94	27	9.0	45.02	17.7	80 46	
77	70.16	8.9	22 26.00	16 37 25.1	279 10	
91	26	9.0	25.96	24.4	80 52	
81	70.18	[9.1 W.?]	22 49.79	15 57 5.1	278 30	
89	25	8.3	49.69	4.4	81 34	
234	72.22	8.0	49.75	3.3	81 34	
87	70.21	8.8	22 53.28	16 31 38.4	279 4	
89	25	9.0	53.20	38.1	80 58	Bem.[1]
90	25	9.0	53.17 (½)	39.2	80 58	3 F.
87	70.21	9.2	22 53.86	16 32 59.8	279 4	Bem.[2]
7	69.24	9-10	22 57.40(0.3)	18 52 39.3 (½)	281 20	3 F.
72	70.15	s. 9	57.20	38.7	281 28	
93	26	9.4	57.40	39.3	78 38	
75	70.16	s. 9	23 10.34	17 4 45.5	279 36	
92	26	9.3	10.26	45.0	80 26	
9	69.25	8-9	23 20.70 (½)	19 21 34.1 (½)	281 50	
80	70.18	8.5	20.51	34.5	281 54	
90	26	8.4	20.55	34.6	78 8	
75	70.16	s. 9	23 23.19	17 28 26.3	280 0	
92	26	9.3	23.21	25.8	80 2	
185	71.17	9.2	23 34.05	14 52 29.6	82 38	
87	70.21	9.0	23 45.15	16 32 26.8	279 4	
89	25	9.0	45.14	28.7	80 58	
185	71.17	8.3	23 49.90	14 50 54.2	82 40	
187	18	8.4	49.96	55.4	82 40	
193	21	8.8	49.83	55.6	277 24	Z. 195: 8m.5
14	69.27	8:	23 50.35(0.3)	19 23 10.4 (½)	281 50	
80	70.18	7.4	50.16	9.7	281 56	
90	26	7.9	50.24	10.4	78 8	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
187	71.18	9.1	23m51s.50	14°47′29″.6	82°44′	
193	21	9.3	51.44 (½)	29.0 (½)	277 20	
195	21	9.0	51.48	29.3	277 20	
72	70.15	h. 8-9	23 56.27 (½)	18 46 19.0 (½)	281 22	
93	26	8.9	56.25	18.7	78 44	
87	70.21	8.8	24 0.72	18 21 21.4	280 54	
93	26	9.0	0.71	21.5	79 10	
9	69.25	9	24 19.86(0.4)	18 24 3.6 (½)	280 52	
72	70.15	9 ‥ 8.9	20.00	3.5	281 0	
93	26	9.2	19.90	4.3	79 6	
77	70.16	9.2	24 21.55	16 38 57.9	279 10	
91	26	9.3	21.33	57.4	80 52	
75	70.16	7-8	24 24.85	17 45 18.8	280 18	
92	26	7.9	24.89	20.0	79 46	
95	70.27	5.7	24 28.06	18 30 54.8	79 0	
197	71.22	6.8*	27.97	55.1	281 2	* betr. röthl.
95	70.27	8.1	24 29.90	19 52 39.4	77 38	
195	71.21	8.0	29.93	40.1	282 26	
89	70.25	9.5	24 30.65	15 23 58.5	82 6	Z. 81: 9m
193	71.21	9.3	30.71	24 0.5	277 56	
234	72.22	9.3	30.72	23 58.9	82 8	
80	70.18	6.9	24 30.88	19 24 28.7	281 56	
90	26	7.1	31.02	27.9	78 6	
81	70.18	9.3	24 33.23 (½)	15 24 —	277 56	3 F.
89	25	9.5	33.30	50.4	82 6	
193	71.21	9.4	33.31	46.6	277 58	
234	72.22	9.4	33.24:(½)	48.7:(½)	82 6	
81	70.18	8.7	24 38.39	15 51 13.6	278 24	
89	25	8.9	38.36 (½)	13.3	81 40	3 F.
80	70.18	9.1	24 42.35	19 27 12.2	282 0	
90	26	9.2	42.26	12.5	78 4	
185	71.17	8.4	24 49.52	18 15 32.5	79 16	
197	22	9.0	49.54	32.2	280 48	
93	70.26	9.3	24 52.09	19 32 44.7	77 58	
195	71.21	9.3	52.10	42.4	282 6	
94	70.27	9.2	24 55.35 (½)	19 59 41.6 (½)	77 30	
197	71.22	9.2	55.36	41.4	282 32	20°2103 9m.4
94	70.27	9.3	25 8.22	19 59 31.7	77 30	
197	71.22	9.4	8.25	32.3	282 32	
87	70.21	8.6	25 9.01	19 1 29.7 (½)	281 34	
93	26	9.0	8.93	29.8	78 30	
81	70.18	8.4	25 15.91	15 45 8.5	278 18	
89	25	8.4	15.91	8.3	81 46	
77	70.16	8.4	25 16.03	16 38 1.7	279 10	
91	26	8.7	16.04	0.9	80 52	
91	70.26	8.5	25 17.39	15 0 34.8	82 30	
193	71.21	8.8	17.38	34.4	277 34	
91	70.26	9.1	25 21.91	16 12 10.4	81 18	
193	71.21	8.8	22.02 (½)	9.8	278 46	
78	70.17	8	25 36.10	16 9 40.6	278 42	
96	27	8.0	36.11	41.6	81 20	
81	70.18	7.7	25 42.53	15 41 48.2	278 14	
89	25	7.6	42.52	47.6	81 48	
80	70.18	8.2	25 53.35	19 25 30.2 (½)	281 58	
90	26	8.7	53.37	30.9	78 6	
80	70.18	9.1	26 3.69	20 4 20.5	282 36	
90	26	9.2	3.56	21.1	77 26	
77	70.16	9.0	26 16.66	16 5 21.2	278 38	
93	26	9.3	16.73	20.5	81 26	

[1] 16°1740 h. 9-10m, Z. 90: 9m.2

[2] Z. 89: h. 9-10m, 90: 9m.2

Zone	Ep.	Grösse	RA 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
91	70.26	9.4	26m22s.01	16°14' 8".9	81 16	
193	71.21	9.4	21.66	6.7	278 46	
195	21	9.3	21.89	7.4	278 48	
92	70.26	8.8	26 34.80	18 4 13.4	79 26	
195	71.21	8.5	34.88	13.7	280 38	
81	70.18	8.4	26 47.29 (½)	15 5 55.0 (½)	277 38	
89	25	8.3	47.21	55.1	82 4	
74	70.15	h. 8.9	26 54.43	18 14 12.6	280 46	
94	27	8.8	54.25	11.9	79 16	
96	70.27	7.5	27 14.79	18 40 24.9	78 40	
193	71.21	7.5	14.83	25.2	281 22	
78	70.16	8.2	27 17.60	17 18 29.2	279 50	
92	26	8.4	17.62	31.0	80 12	
75	70.16	9-10	27 29.91	17 25 35.5	279 58	
93	26	9.1	29.97	33.5	80 [illegible]	
87	70.21	9.1	27 41.62	17 9 46.6	279 42	
93	26	9.1	41.60	47.0	80 20	
80	70.18	8.9	27 51.98	19 56 50.7 (½)	282 28	
90	26	9.0	51.92	50.6	77 34	
87	70.21	9.0	28 3.98	17 41 27.5	280 14	Bem.[1]
92	26	9.0	4.04	29.3	79 50	
80	70.18	7.2	28 8.16	20 1 7.5	282 32	
90	26	7.2	—	5.7	77 30	
95	27	7.3	8.20	6.2	77 30	
77	70.16	8.7	28 16.17	16 9 31.6	278 42	
91	26	8.9	16.08	30.0	81 20	
94	70.27	9.1	28 18.46	18 49 45.6	78 40	
193	71.21	9.2	18.49	43.9	281 22	
195	21	9.1	18.40	44.3	281 22	
94	70.27	9.2	28 26.51	18 55 22.3 (½)	78 55	
193	71.21	9.3	26.57	23.0	281 8	
197	22	9.5	26.50 (½)	22.7 (½)	281 8	verhältnissm. [sicher
81	70.18	8.7	28 30.87 (½)	16 3 18.5	278 36	
89	25	9.0	30.74	19.6	81 28	
95	70.27	9.0	28 33.28	18 19 37.6	79 10	
195	71.21	8.7	33.22	38.3	280 52	
81	70.18	9.2	28 35.97	15 3 55.2	277 36	
89	25	9.0	36.00	55.0 (½)	82 26	
72	70.15	10	28 —	19 19 28.4 (½)	281 54	Var. *U* Cancri
74	15	h. 10	36.63	29.0	281 53	kaum sichtb.
78	16	10	36.81::(½)	27.9	281 52	
(83)[2]	19	k. sichtb.	36.59	29.3	...	Hgl. —:10
75	70.16	h. 9-10	28 46.96	17 41 32.2	280 14	
92	26	9.2	47.08	33.8	79 50	
77	70.16	9.2	28 55.80	16 11 48.0	278 44	
91	26	9.3	55.81	48.3	81 18	
72	70.15	h. 9-10	28 57.94	18 43 40.1	281 18	
94	27	9.3	57.63	39.7	78 46	
87	70.21	9.2	29 1.96	17 38 10.8	280 10	
93	26	9.1	2.12	11.1	79 52	
95	70.27	7.2	29 7.01	15 44 40.5	81 46	
193	71.21	7.2	6.97	38.9	278 18	
77	70.16	9.1	29 13.69	16 8 55.9	278 42	
91	26	9.1	13.79	55.6 (½)	81 21	
75	70.16	s. 8	29 16.91	17 43 15.9	280 16	
92	26	8.0	16.91	17.9	79 48	
77	70.16	8.0	29 18.93	16 44 54.6	279 18	
91	26	8.2	18.85	54.7	80 44	

Zone	Ep.	Grösse	RA 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
7	69.24	8.9	29m20s.50	19°23'40".5 (½)	281°52'	
80	70.18	9.1 W.	20.51	50.0	281 50	
90	26	8.8		49.6	78 6	
95	27	9.1	20.45	49.7	78 6	
90	70.26	9.[illegible]	29 25.10	19 17 7.6	78 14	
[illegible]	69.28	h. 8.9	29 31.91 (½)	18 54 1.8 (½)	281 22	
72	70.15	8.9	31.98	1.5	281 28	
95	27	8.7	31.85	5.2	78 30	
14	69.28	8.9	29 38.80 (½)	19 18 52.6 (½)	281 46	
80	70.18	8.7	38.90	53.3	281 52	
90	25	8.5		52.5	78 12	
95	27	8.9	38.82 (½)	53.8	78 12	
185	71.17	8.6	38.91	54.3	78 12	
81	70.18	9.2	29 48.06	15 30 59.9	278 4	
89	25	9.1	48.13	59.3	82 0	
7[illegible]	70.15	9	29 56.11	17 45	280 —	
72	16	8.9	55.96	43.8	280 18	
9[illegible]	26	9.1	56.03	43.4 (½)	79 44	
81	70.18	9.1	29 56.57	16 5 6.7	278 38	
89	25	9.0	56.52	6.3	81 26	
75	70.16	9	30 8.04	17 41 14.4 (½)	280 14	
92	26	9.0	8.07	14.3	79 48	
80	70.18	8.5	30 9.02	19 18 10.1	281 50	
90	26	8.6	9.61	10.6	78 12	
94	70.27	8.0	30 30.68	19 57 10.0	77 34	20°2130 [illegible]
195	71.21	8.1	30.09	8.3	282 30	" [illegible]
87	70.21	9.0	30 31.00	17 30 30.7	280 2	
93	26	9.0	31.00	31.4	80 2	
7	69.24	8.7	30 36.72 (½)	19 42 5.0 (½)	282 10	
80	70.18	7.3	36.69	4.1	282 14	
90	26	7.2	36.77	4.9	77 48	
95	70.27	9.2	30 43.44	16 25 1.5	81 6	
77	70.16	9.3	30 43.45	16 27 42.8	279 0	9m.4 10"±v.5[illegible]
91	70.26	7.5	30 51.32	14 54 27.7	82 30	
195	71.21	7.5	51.29	27.7	277 28	
81	70.18	9.2	30 56.44	15 27 53.5	278 0	
89	25	9.1	56.29	54.1	82 2	
193	71.21	9.4	56.16	54.7	278 0	
197	22	9.5	56.15	55.3	278 0	
81	70.18	8.5	31 1.38 (½)	15 34 16.1	278 6	2 F.
89	25	8.3	1.18	16.1	81 56	
193	71.21	8.8	1.25	16.5	278 8	
87	70.21	9.2	31 3.46	17 29 9.2	280 2	
93	21	9.1	3.49	9.1	80 2	
81	70.18	8.9	31 6.00	15 36 42.8	278 8	
89	25	8.9	5.95	40.8	81 54	
77	70.16	8.6	31 8.03	16 41 29.9	279 14	
95	27	9.1	7.74	28.7	80 50	
91	70.26	9.1	31 20.15	14 45 52.9	82 44	
193	71.21	9.1	20.15	54.2	277 18	
94	70.27	9.3	31 21.45	19 54 4.0	77 36	
14	69.28	8	31 24.35 (½)	17 29 44.0 (½)	279 58	
87	70.21	8.3	24.42 (½)	42.8 (½)	280 3	
93	26	8.0	24.41	44.8	80 2	
87	70.21	8.0	31 29.79	15 17 41.3 (½)	277 51	
91	26	8.1	29.80 (½)	40.9 (½)	82 12	
94	70.27	8.5	31 36.56	19 56 16.0	77 34	
195	71.21	8.5	36.49	15.1	282 30	
75	70.16	9	31 39.11	17 41 6.9	280 14	
92	26	8.9	39.16 (½)	6.1 (½)	79 49	

[1] 9m.2 f. par. (17°1880?)   [2] Am grossen Meridiankreis beob.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
1	69.15	8.5	31m47s.34 (½)	18°24′23″.4 (½)	280°58′	
72	70.15	8-9	47.25	21.8	281 0	
93	26	8.5	47.31	21.8	79 6	
94	70.27	8.4	31 58.47	20 1 48.3	77 28	
95	71.21	8.3	58.49	49.8	282 34	
75	70.16	s. 9	31 59.91 (2)	17 53 12.1	280 26	
92	26	9.1	59.90 (½)	14.5	79 38	
7	69.24	s. 8-9	32 0.18 (½)	19 23 22.0 (½)	281 50	
94	70.27	8.7	0.25	21.2	78 6	
93	71.21	8-9	0.30	20.6	281 56	
75	70.16	s. 8	32 26.20	17 55 3.2	280 28	
92	26	8.2	26.17	3.2	79 36	
14	69.28	s. 8-9	32 34.95 (0.4)	18 59 27.6 (½)	281 28	
87	70.21	8.7	34.94	27.6	281 32	
93	26	8.6	34.90	28.4	78 30	
9	69.25	s. 7-8	32 35.02 (½)	19 42 50.2 (½)	282 10	
80	70.18	7.9	34.90	50.6	282 14	
90	26	8.0	34.97	50.4 (½)	77 48	
77	70.16	7.7	32 37.69	16 34 51.4	279 8	
91	26	7.8	37.62	52.0	80 56	
95	70.27	7.3	32 40.32	19 58 47.0	77 32	
195	71.21	7.0	40.30	47.3	282 32	
72	70.15	h. 9	32 42.38	18 47 9.6	281 22	
94	27	9.0	42.32	10.9	78 44	
95	70.27	8.0	32 46.15	19 59 32.6	77 30	
195	71.21	7.5	46.13	32.7	282 32	
95	70.27	8.2	32 47.43	19 58 51.2	77 32	
195	71.21	7.7	47.37	51.0	282 32	
90	70.26	9.0	32 48.65	19 38 27.2	77 52	
95	70.27	8.3	33 7.77	19 58 19.1	77 32	
97	28	8.2	7.75	19.0	77 32	
193	71.21	s. 8	7.76 (½)	19.3	282 30	3 F.
195	21	7.5	7.85	19.9	282 32	
7	69.24	s. 7	33 10.45 (0.3)	19 47 20.9 (½)	282 14	
80	70.18	7.2	10.30	21.5	282 20	
90	26	7.4	10.33	21.5 (½)	77 44	
96	70.27	7.2	33 16.67	19 59 7.1	77 30	
97	30	7.3	16.73	7.1	77 32	
193	71.21	7.1	16.68	7.6	282 32	
80	70.18	8.5 (W.?)	33 23.72	19 38 6.6	282 10	
90	26	8.5	23.71	6.4	77 52	
81	70.18	8.7	33 29.17	14 50 49.1	277 22	
89	25	8.9	29.09 (½)	48.4	82 40	
80	70.18	7.9	33 29.74	19 40 10.1	282 12	
90	26	8.0	29.83	9.3	77 50	
81	70.18	8.2	33 38.69	14 49 10.7	277 20	
89	25	8.2	38.68	11.4	82 42	
9	69.25	9	33 44.18 (½)	18 41 28.9 (½)	281 10	
72	70.15	h. 9	44.28	28.9 (½)	281 16	
92	26	9.0	44.19	30.0	78 50	
96	70.27	7.7	33 45.99	20 1 18.7	77 28	
97	28	7.5	46.04	18.8	77 30	
193	71.21	7.9	46.00	21.0	282 34	
75	70.16	8	33 51.76 (½)	16 56 28.3 (½)	279 29	
91	26	7.7	51.69	28.3 (½)	80 34	
14	69.28	9	33 55.32 (½)	18 55 58.5 (½)	281 24	
87	70.21	8.9	55.27	58.4	281 28	
93	26	8.6	55.33	59.9	78 34	
77	70.16	8.6	34 8.46	15 57 51.5	278 30	
94	27	9.0	8.47	51.4	81 32	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
80	70.18	8.3	34m 8s.99	19°42′12″.5	282°14′	
185	71.17	8.0	8.94 (½)	12.6 (½)	77 48	
81	70.18	8.6	34 19.76	15 6 33.8	277 38	
89	25	8.7	19.80	33.8	82 24	
7	69.24	h. 9	34 27.17 (½)	19 35 8.8 (½)	282 2	
80	70.18	9.0	27.15	8.7	282 8	
90	26	9.0	27.22	8.6	77 56	
94	27	9.1	27.21	9.8	77 56	
77	70.16	8.7	34 34.19	16 42 23.7	279 14	
91	26	8.7	34.15	23.6	80 48	
77	70.16	9.0	34 35.56	16 46 24.6	279 18	
91	26	9.2	35.51	22.9 (½)	80 44	
87	70.21	8.9	34 38.85	15 50 3.6	278 22	
89	25	8.2	38.93 (½)	4.4	81 40	
9	69.25	s. 9	34 49.54 (½)	19 21 21.4 (½)	281 48	
72	70.15	9	49.44	20.0	281 56	
93	26	9.0	49.38 (½)	22.0	78 10	
14	69.28	h. 8-9	34 56.89 (½)	19 51 20.8 (½)	*282 20	
95	70.27	8.5	56.83	19.7 (½)	77 39	
199	71.26	8.0	56.81	19.7 (½)	282 24	
93	70.26	8.0	35 2.32	19 22 45.9	78 8	Z. 72: 8m:
193	71.21	8.4	2.27	44.3	281 56	
87	70.21	9.0	35 12.44 (½)	16 10 46.8 (½)	278 43	
94	27	8.9	12.47	47.1	81 20	
87	70.21	9.2	35 39.80	16 23 59.7	278 56	
94	27	9.3	39.58	24 0.8	81 6	
75	70.16	9 .. h.9	35 48.61	17 34 48.9	280 8	
92	26	8.7	48.64	47.8	79 56	
77	70.16	8.0	35 51.66	16 53 45.4 (½)	279 26	
91	26	7.6	51.67	46.3	80 36	
87	70.21	9.2	35 53.40	16 4 0.0	278 36	
95	27	9.2	53.34	3 59.3	81 26	
7	69.24	9	35 58.45 (½)	19 30 53.8 (½)	281 58	
80	70.18	9.1	58.44	54.7	282 2	
90	26	9.1	58.46	54.5	78 0	
1	69.15	7.7	36 1.65 (0.6)	18 35 52.6 (½)	281 10	
9	25	h. 8-9	1.83 (0.4)	49.4 (½)	281 4	
72	70.15	8-9	1.72	49.9	281 10	
93	26	8.0	1.72	49.0	78 54	
81	70.18	8.9	36 4.35	15 38 57.2	278 10	
89	25	8.8	4.35	54.9	81 52	
77	70.16	9.2	36 8.22	16 54 26.7	279 26	
91	26	9.3	8.08	26.7	80 36	
92	70.26	9.3	36 14.16	17 20 40.2	80 10	etw. uns. — [1]
75	70.16	8-9	36 23.41 (½)	17 19 52.0 (½)	279 52	
92	26	8.5	23.46	51.2	80 10	
72	70.15	9	36 32.18	18 34 1.8	281 8	18°2023 9m
93	26	9.0	32.16	1.0	78 56	» 9.3
75	70.16	s. 8-9 .. h.9	36 36.29	17 20 49.0	279 54	
92	26	9.1	36.31	50.2	80 10	
81	70.18	8.9	36 46.10	15 10 33.5	277 42	
89	25	8.7	46.19	31.6	82 20	
80	70.18	8.4	36 47.58	19 28 56.9	282 0	Var. *S* Cancri
90	26	8.5	47.60	56.6 (½)	78 2	
87	70.21	9.1	36 59.73	16 55 59.1	279 28	
91	26	9.2	59.55	58.4	80 34	
77	70.16	8.2	37 6.35	16 22 50.0	278 54	
94	27	8.5	6.42	49.1	81 8	

[1] Z. 75: s. 9m

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
81	70.18	9.0	37m 7s.53	15°54′28″.6	278°26′	
89	25	8.8	7.54	28.2	81 36	
77	70.16	8.3	37 23.89	16 21 55.3	278 54	
94	27	8.5	23.84	55.3	81 8	
191	71.20	9.2	37 24.22	16 51 30.5	80 38	
195	21	9.4	24.11	31.8	279 24	
95	70.27	8.9	37 29.45	14 52 51.7	82 38	
193	71.21	9.0	29.53	51.5	277 26	
77	70.16	9.2	37 31.36	16 21 43.6	278 54	
94	27	9.2	31.31	42.4	81 8	
*						
95	70.27	9.0	37 40.15	15 20 10.1	82 10	
195	71.21	8.4	40.12	9.9	277 52	
92	70.26	9.0	37 59.54	17 15 30.8	80 14	
195	71.21	8.9	59.52	29.6	279 48	
92	70.26	8.9	38 2.71	18 48 43.6	78 42	
197	71.22	9.0	2.70	43.0 (½)	281 20	
81	70.18	8.1	38 12.65	15 47 35.5	278 20	
89	25	8.2	12.62	35.2	81 44	
96	70.27	8.8	38 12.74	19 19 38.9	78 10	
198	71.22	8.8	12.73	38.6	281 52	19°2093 9m.0
89	70.25	9.1	38 14.11	15 50 22.5	81 40	
95	27	9.1	14.12	22.6	81 40	
198	71.22	9.1	14.17	23.7	278 22	
95	70.27	8.2	38 21.08	15 30 0.5	82 0	
198	71.22	7.9	21.10	0.0	278 2	
96	70.27	8.0	38 22.51	19 16 10.6	78 14	
198	71.22	7.0	22.55	9.7	281 48	
75	70.16	s.9	38 25.98	17 23 53.8 (½)	279 56	
92	26	9.0	26.10	53.9	80 6	
80	70.18	8.5	38 38.37	19 30 9.0	282 2	
90	26	8.3	38.43	8.8	78 0	
94	70.27	9.2	38 54.85 (½)	15 38 57.8	81 52	Fäd. st. schl.
197	71.22	9.3	55.01	57.0	278 12	
93	70.26	9.2	38 57.01	19 44 28.3	77 46	
195	71.21	9.0	57.02	28.3	282 18	
93	70.26	9.2 spl.	39 4.35	19 42 21.0	77 48	
195	71.21	9.2	4.39	22.4	282 16	
1	69.15	8.1	39 5.81 (0.4)	18 38 3.3 (½)	281 12	
72	70.15	s.8	5.84	1.2	281 14	
96	27	8.5	5.82	1.2	78 52	
95	70.27	9.4	39 6.36	14 48 51.3	82 42	
197	71.22	9.4	6.24	51.1	277 22	
77	70.16	8.4	39 19.23	16 29 26.9	279 2	
94	27	9.0	19.06	27.0	81 0	
72	70.15	8	39 25.29	17 57 3.6	280 32	
96	27	8.6	25.19	3.8	79 34	
7	69.24	9	39 25.95 (½)	19 12 59.0 (½)	281 40	
87	70.21	9.0	25.99	56.4	281 44	
95	27	9.0	25.90	57.8	78 18	
87	70.21	9.2	39 52.10 (½)	15 8 40.8 (½)	277 41	
93	26	9.3	52.01	42.1	82 22	
75	70.16	h.9	40 16.67	17 44 8.8	280 16	
92	26	9.0	16.64	9.5	79 46	
77	70.16	8.0	40 19.13 (½)	15 47 8.5 (½)	278 19	
91	26	8.1	19.13 (½)	8.3 (½)	81 44	
75	70.16	9‥s.9	40 25.46	17 26 31.1	279 58	
92	26	9.1	25.55	31.0	80 4	

* Nr. 3502: δ Cancri, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
80	70.18	9.0	40m 41s.80	15°14′52″.0	277°48′	
90	25	9.2	41.74	50.3	82 16	
1	69.15	8.9	40 43.53 (0.4)	18 30 51.5 (½)	281 4	Bem. [1]
72	70.15	9‥s.9	43.78	47.1	281 6	
93	26	9.1	43.66	49.1	79 0	
81	70.18	9.1	40 —	15 41 49.7	278 14	[illegible]
89	25	9.1	56.99	48.8	81 48	
195	71.21	9.0	56.92	49.8	278 14	
7	69.24	s.9	41 0.16 (½)	19 3 46.3 (½)	281 32	kaum [illegible]
80	70.18	9.2	0.13	46.6 (½)	281 36	
90	26	9.4 W.?	0.10	46.8	78 26	
75	70.16	h.7-8	41 2.20	17 51 13.4	280 24	
92	26	7.7	2.27	14.2	79 40	
81	70.18	9.1	41 —	15 32 18.9	278 4	Z. 77: 8[illegible]
89	25	9.1	8.69	16.8	81 58	
193	71.21	9.4	8.57	16.8	278 6	
77	70.16	8.4	41 11.98	15 34 8.7	278 6	
81	18	8.5	—	8.4	278 6	
89	25	8.7	11.97	8.2	81 50	
193	71.21	8.8	11.96	7.3	278 8	
77	70.16	8.4	41 14.84 (½)	16 11 13.3 (½)	278 43	
91	26	8.8	14.80	13.0	81 20	
9	69.25	8.9	41 17.97 (½)	18 6 52.2 (½)	280 34	
72	70.15	h.8-9	18.09	52.9	280 42	
92	26	8.4	18.05	53.4	79 24	
1	69.15	9.1	42 19.28 (½)	18 24 54.9 (½)	280 58	
72	70.15	s.8-9	19.34	54.6	281 0	
92	26	9.0	19.40	56.5	79 6	
200	71.27	10.0	42 56.65	18 20 13.0	79 10	
4	69.17	—	42 57.03 (0.4)	18 18 38.2 (½)	280 40	
7	24	8.9 W.	57.13 (½)	39.5 (½)	280 46	
81	70.18	8.4	—	39.1	280 50	
89	25	8.5	57.10	39.4	79 12	
193	71.21	9.1	57.16	39.5	280 52	Z. 200 9m
199	26	8.8	57.08	39.1	280 52	18°2050 9m.1
75	70.16	{ 8	42 58.27	15 17 44.9	277 50	} Dpl
		{ s.8-9	59.27	33.9	277 50	
91	26	{ 8.3	58.31 (½)	44.7	82 12	} [2]
		{ 8.8	59.28	35.8 (½)	82 12	
8	69.25	—	43 6.86 (0.3)	19 44 20.6 (½)	*282 12	
77	70.16	8.6	6.86	21.4	282 16	
93	26	8.8	6.83	20.6	77 46	
9	69.25	9	43 19.38 (½)	18 39 24.5 (½)	281 8	dkl. Feld
81	70.18	8.9	—	24.6	281 12	
89	25	9.2	19.27	24.2	78 52	
193	71.21	9.4	19.30	23.7	281 12	
199	71.26	10.0	43 26.18	18 2 51.0	280 36	zl. gut
200	27	9.5	26.41	51.3	79 28	
75	70.16	8	43 30.68	17 29 46.6	280 2	
92	26	8.3	30.60	47.2	80 0	
185	71.17	8.8	43 33.99 (½)	18 9 19.0 (½)	79 22	
193	21	9.4	33.88	19.5	280 42	
195	21	9.2	33.96	19.5	280 42	
1	69.15	7	43 35.38 (0.2)	18 28 1.9 (½)	281 2	
72	70.15	s.7	35.41	1.6	281 4	
93	26	7:	35.29	27 59.4	79 2	
12	69.26	6-7	43 38.17 (½)	19 17 48.7 (½)	281 46	
80	70.18	6-7:	38.08	49.1	281 50	
90	26	[7± W.]	38.08	48.3	78 12	
199	71.26	9.8	43 50.09 (½)	17 57 46.8	280 30	
200	27	9.8	49.72	48.3	79 32	

[1] verschwand fast zwischen den Fäden [2] Dpl. 225°, beide 9-10m

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8^h			
72	70.15	8-9	$43^m 52^s.46$	18° 29′ 52″.6	281° 6′	
93	26	8.5	52.36	53.1	79 0	
77	70.16	8.8	43 57.44	16 22 2.4	278 54	
91	26	9.0	57.42	1.6	81 8	
14	69.28	7:	44 3.74 (0.6)	15 48 45.3 (½)	278 16	
81	70.18	6.9	—	46.0	278 22	
89	25	6.7	3.68	44.9	81 42	
97	71.22	7.5	3.59 (2)	44.7 (2)	278 21[1]	
77	70.16	7.8	44 10.83	16 27 51.4	279 0	
91	26	8.0	10.82	51.3 (½)	81 2	
99	71.26	9.1	44 13.23	18 20 57.8	280 54	
200	27	9.2	13.19	58.9	79 10	
7	69.24	8-9	44 19.63 (½)	18 33 18.8 (½)	281 0	
72	70.15	9	19.80 (½)	19.1 (½)	281 8	
93	26	9.1	19.85	18.8	78 56	
72	70.15	9	44 22.21	18 42 14.1	281 18	
93	26	9.1	22.07	14.9	78 48	
94	70.27	8.3	44 25.58	18 13 14.9	79 18	
193	71.21	8.3	25.53	14.0	280 46	
77	70.16	9.0	44 42.64	16 37 49.3 (½)	279 10	
91	26	9.1	42.51 (½)	48.6 (½)	80 52	
75	70.16	h.9 -- s.8-9	44 47.75	17 40 36.5 (½)	280 12	
92	26	8.9	47.74	37.3 (½)	79 50	
9	69.25	s. 8	44 56.60 (½)	19 21 44.2 (½)	281 50	
80	70.18	8.5	56.55	46.3	281 54	
90	26	8.5	56.54	44.1	78 8	
14	69.28	s. 9	45 9.99 (0.4)	15 45 26.1 (½)	278 14	
81	70.18	8.5 *	—	25.9	278 18	* s. unr.
89	25	9.0	10.27	25.3	81 44	
197	71.22	8.8	10.10 (½)	25.6	278 18	3 F.
12	69.26	h. 8-9	45 12.00 (½)	19 49 5.8 (½)	282 16	
80	70.18	8.5	11.88	6.0	282 22	
90	26	Wolk.	12.00	4.6: (½)	77 42	
94	27	8.6	11.89	5.5	77 42	
91	70.26	9.1	45 28.80	16 56 59.6	80 34	
195	71.21	9.0	28.79	59.6	279 30	
1	69.15	7.2	45 29.98 (0.3)	18 39 33.3 (½)	281 12	
7	24	7-8 W.	29.85 (0.4)	32.8 (½)	281 8	
93	70.26	7.8	29.85	32.1 (½)	78 51	
193	71.21	8.0	29.74	30.9	281 12	
77	70.16	9.1	45 57.61	16 53 10.4	279 26	
94	27	9.2	57.37	10.0	80 38	Z.195: $9^m.0$
94	70.27	8.3	45 57.91	16 49 37.6	80 40	
195	71.21	8.0	57.99	37.3	279 22	
95	70.27	9.0	45 58.39	15 17 8.1	82 14	
197	71.22	9.1	58.36	8.1	277 50	
75	70.16	s.7	46 9.22	17 50 24.2	280 22	
92	26	7.6	9.15	23.1 (½)	79 40	
9	69.15	h.9	46 12.90 (½)	19 47 33.0 (½)	282 16	
80	70.18	8.0	12.76	33.1	282 20	
90	26	Wolk.	12.94	32.1	77 44	
75	70.16	s.9	46 28.67	17 27 34.2	280 0	
94	27	9.2	28.73	33.2	80 2	
12	69.26	s.8-9 -- 8-9	46 47.03 (½)	19 16 59.4 (½)	281 44	
96	70.27	8.9	46.85	17 0.1	78 14	
198	71.22	8.5	46.83	0.1	281 50	$9^m.3$ 0′.5 v. 2′.5 N.
199	71.26	9.6	46 46.86	17 56 31.7	280 30	
200	27	9.6	46.89	30.8	79 34	

[1] 2 Abl. von 278°20′, 1 von 278°22′

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8^h			
14	69.28	7-8 W.	$46^m 47^s.23$ (½)	18° 1′ 0″.0 (½)	280° 30′	
97	70.28	7.5	47.38	0 59.0	79 28	
193	71.21	7.9	47.32	58.6	280 34	
95	70.27	8.3	46 47.61	14 52 48.5	82 38	
198	71.22	8.1	47.64	48.2	277 26	
7	69.24	8	46 50.41 (½)	18 42 21.9 (½)	281 10	
93	70.26	8.2	50.66	22.8	78 48	
193	71.21	8.8	50.54	23.6	281 16	
77	70.16	9.1	46 52.68	16 29 32.1 (½)	279 2	
94	27	9.1	52.71	32.0	81 0	
97	70.28	8.9	46 58.07	15 18 1.3	82 12	
198	71.22	8.9	57.99	0.5	277 50	
1	69.15	8.8	46 58.56 (0.4)	18 9 5.7 (½)	*280 42	
93	70.26	9.0	58.56	9.6	79 22	
193	71.21	9.1:	58.33	9.2	280 42	
91	70.26	9.1	47 0.99	16 24 26.7	81 6	
195	71.21	9.0	1.05	27.9	278 58	
96	70.27	9.3	47 2.01	15 0 56.7	82 30	
198	71.22	9.3	2.02	56.0	277 34	
96	70.27	8.8	47 6.25	20 2 54.3	77 28	
195	71.21	8.1	6.34	52.9	282 36	
75	70.16	8-9	47 10.69	17 38 56.0	280 12	
93	26	8.8	10.75	55.5	79 52	
9	69.25	s. 9	47 14.58 (0.4)	18 14 21.7 (½)	280 42	
96	70.27	9.1	14.52	21.7	79 16	
193	71.21	9.3	14.63	23.7	280 48	
95	70.27	9.0	47 25.99	14 54 12.3	82 30	
197	71.22	9.1	25.86	12.7	277 26	
94	70.27	8.9	47 34.27	16 9 17.9	81 20	
195	71.21	8.3	34.25	18.9	278 42	
77	70.16	9.1	47 34.67	16 5 1.7	278 38	
94	27	9.1	34.58	1.3	81 24	
75	70.16	h.9	47 41.55	17 5 5.9 (½)	279 37	Dpl. 100°?
97	28	8.7	41.59	6.1	80 26	Bem.[2]
95	70.27	8.8	47 52.79	15 14 27.7	82 10	
198	71.22	8.7	52.84	28.7	277 46	
95	70.27	9.2	47 55.35	14 58 9.7	81 32	
197	71.22	9.3	55.29	9.4	277 30	
95	70.27	8.2	48 3.39	15 12 8.5 (½)	82 18	
198	71.22	8.4	3.33	8.8	277 44	
199	71.26	9.2	48 7.39	16 18 44.4	278 52	
200	27	9.3	7.51	43.2	81 12	
77	70.16	9.3	48 13.58	16 30 0.0	279 2	
96	70.27	8.7	48 14.60	16 41 10.2	80 50	
195	71.21	8.2	14.67	9.8	279 14	16°1853 $9^m.2$
75	70.16	6-7 *	48 20.29	17 42 18.5	280 14	* röthlich
97	28	7.1	20.33	18.6	79 48	
94	70.27	9.2	48 31.68	16 28 58.4	81 2	16°1854 $9^m.3$
195	71.21	9.1	31.59	59.3	279 2	» 9.2
1	69.15	—	48 47.21 (½)	18 8 —	280 —	
7	24	Wolk.	47.21 (0.2)	[21 ±]	280 —	2 F.
93	70.26	—	47.34	26.9	79 22	
193	71.21	8.8	47.23	27.0	280 42	
77	70.16	8.0	49 5.47	16 12 5.3	278 44	
96	27	8.5	5.38	6.0	81 18	
94	70.27	9.2	49 13.00	17 17 8.5	80 14	
197	71.22	9.3	12.97	5.7	279 50	

[2] Dpl. med. 2″ 290°±± Gr. etwa $8^m.9$ u. $9^m.2$

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8h			
199	71.26	9.5	49m31s.38	18° 40′ 48″.2 (½)	281° 14′	
200	27	9.6	31.48	49.0	78 50	
95	70.27	8.0	49 42.79	17 57 34.2	79 32	
193	71.21	7.9	42.69	34.4	280 30	
91	70.26	9.2	49 48.03	15 34 48.0	81 56	
198	71.22	9.2	47.93	47.8	278 8	
95	70.27	9.0	49 55.55	14 51 17.8	82 38	
197	71.22	9.2	55.50	17.2	277 24	
75	70.16	6-7	50 6.49	17 37 23.4	280 10	
92	26	7	6.54	23.3	79 54	
97	70.28	5.5	50 16.54	15 48 1.6	81 42	
198	71.22	5.6	16.55	2.4 (½)	278 20	
77	70.16	8.0	50 18.50	16 45 41.1	279 18	
93	26	8.4	18.49	40.9	80 44	
94	70.27	9.3	50 34.13	20 3 22.0	77 28	
198	71.22	9.3	34.24	21.8	282 36	
77	70.16	7.8	50 34.35	16 42 53.0 (½)	279 15	
93	26	8.4	34.31	53.2	80 48	
97	70.28	6.9	50 36.26	16 3 36.3	81 26	
195	71.21	6.5	36.17	36.5	278 36	
94	70.27	9.2	50 41.52	19 58 51.2	77 32	
198	71.22	9.4	41.58	50.8	282 32	
96	70.27	8.9	50 43.00	17 0 43.0	80 30	
197	71.22	8.8	42.91	42.7	279 34	
75	70.16	h.9	50 46.37	17 39 41.0	280 12	
92	26	9.0	46.26	40.4	79 50	
199	71.26	9.2	50 47.39	16 12 45.6	278 46	
200	27	9.3	47.35 (½)	46.3 (½)	81 18	
62	70.09	9	50 48.55	19 45 46.2	77 44	
83	19	8.9 zfl.	48.60	49.6	282 18	
91	70.26	9.2	51 7.02	16 35 23.8	80 54	
195	71.21	9.0	6.95	24.7 (½)	279 8	
62	70.09	9-10	51 8.62	19 34 44.2	77 56	
83	19	9.1	8.67	46.9	282 6	
91	70.26	9.1	51 11.56	16 51 31.8	80 38	
195	71.21	9.0	11.60	32.1	279 24	
1	69.15	7	51 14.07 (0.3)	18 47 22.4 (½)	281 20	
97	70.28	7.5	13.82	23.8	78 42	
193	71.21	7.5	13.73	23.3	281 20	
96	70.27	9.2	51 40.94	15 51 10.5	81 40	
197	71.22	9.3	41.01	10.4	278 24	
62	70.09	h.9-10	51 43.80	19 28 13.1	78 2	
83	19	9.0	43.79	13.4 (½)	282 0	
12	69.26	9	51 47.50 (½)	18 27 34.6 (½)	280 56	
96	70.27	9.2	47.43	35.0	79 2	
193	71.21	9.3	47.31	36.7	281 0	
9	69.25	h.9	52 6.59 (½)	18 32 37.4 (½)	281 0	
97	70.28	9.0	6.59	35.3	78 58	Bel. zu hell
193	71.21	9.0	6.64	36.3	281 6	
7	69.24	7	52 7.17 (½)	18 37 11.4 (½)	281 4	
97	70.28	7.5:	6.97	11.2	78 52	
193	71.21	7.1	7.02	11.4	281 10	
14	69.28	h.9	52 23.49 (½)	17 8 53.8 (½)	279 36	
75	70.16	9	23.54 (½)	53.6	279 40	
94	27	9.0	23.56	53.6	80 22	
77	70.16	9.1	52 31.59	16 4 8.7	278 36	
91	26	9.1	31.57 (½)	9.4 (½)	81 26	
199	71.26	9.5	52 49.56	18 59 55.6	281 32	
200	27	9.6	49.59	55.7	78 32	
			8h			
12	69.26	h.9	52m53s.85 (½)	15° 38′ 17″.9 (½)	278° 6′	
95	70.27	8.9	53.81	19.1	81 52	
197	71.22	8.8	53.82	19.6	278 10	
62	70.09	9	52 57.69	15 59 19.6	81 30	
77	16	9.1	57.64	21.0	278 32	
83	19	8.9	57.67	21.0	278 32	
94	70.27	9.3	53 36.64	15 20 8.1	82 10	
195	71.21	9.3	36.49	8.5	277 54	
62	70.09	h.10	53 [49.50::]	18 3 [57 ±]	79 26	
83	19	9.5	48.64: (½)	4 2.1	280 36	Fäd. st. gz. kl.
93	26	9.7	48.84	3 59.5	79 26	
199	71.26	9.5	54 17.37	15 17 36.7	277 50	
200	27	9.6	17.49	36.2	82 14	
199	71.26	9.3	54 18.36	17 41 1.5	280 14	schwkd.
200	27	9.5	18.34	3.9	79 50	
12	69.26	h.8-9	54 21.24 (½)	19 31 28.4 (½)	282 0	
62	70.09	h.8-9	21.24	28.2	77 58	
83	19	8.5	21.17	29.4	282 4	
14	69.28	9: u. s.9:	54 [21.47]	15 45 —	278 —	Bem.[1]
93	70.26	{ 9.1	21.29	46.5	81 44	} Dpl. 8″ 220
		{ 9.0	21.44	52.8	81 44	
195	71.21	{ 9.2	21.21	46.4	278 18	} » 7 20
		{ 9.2	21.28	52.0	278 18	
94	70.27	9.2	54 24.10	15 48 29.1	81 42	
193	71.21	9.3	24.07	26.8	278 22	
195	21	9.3	24.03	28.9	278 22	
199	71.26	9.3	54 31.95	15 46 40.4	278 20	
200	27	9.3	32.05	46.2	81 44	
77	70.16	8.3	54 33.27	15 40 46.1	278 14	
94	27	8.3	33.23	48.7	81 50	
75	70.16	8	54 42.60	17 34 11.9	280 6	
95	27	8.0	42.61	10.7 (½)	79 56	
75	70.16	8-9	54 57.26	17 48 57.6	280 22	
96	27	9.1*	57.28 (½)	55.0 (½)	79 42	* nicht hell
77	70.16	8.5	55 7.09	15 5 19.5 (½)	277 39	
96	27	9.0	7.14	18.2	82 24	
75	70.16	9-10	55 29.84	16 56 9.5	279 28	
94	27	9.3	29.82	9.4	80 34	
1	69.15	8.8	55 35.04 (½)	18 13 45.5 (½)	280 48	
5	17	—	35.10 (0.2)	41.6 (½)	280 42	2 F.
95	70.27	9.0	35.06	41.6	79 16	
193	71.21	8.5	35.07	42.2	280 46	
9	69.25	s.9	55 54.70 (½)	18 26 14.1 (½)	280 54	ϑ etw. uns
95	70.27	9.3	54.70	15.5	79 4	
193	71.21	9.3	54.74	15.6	281 0	
12	69.26	s.8-9	55 59.05 (½)	19 39 44.8 (½)	282 8	
62	70.09	h.9‥s.8-9	59.08	43.5	77 50	
83	19	8.8	59.02	44.1	282 12	
75	70.16	s.8-9‥h.9	56 7.38	18 3 59.7	280 36	
93	26	8.5	7.47	4 0.5	79 26	
14	69.28	8-9	56 27.38 (½)	19 51 1.0:: (½)	282 18	
62	70.09	8-9	27.26	1.2	77 38	
83	19	8.7 zfl.	27.25	0.1 (½)	282 23	
77	70.16	9.3	56 28.12	15 59 20.5	278 32	
94	27	9.2	28.07	20.0	81 32	
94	70.27	9.2	56 37.25	14 52 24.5	82 38	
195	71.21	9.4	37.19	25.4	277 26	
199	71.26	9.3	56 42.27	18 23 49.5	280 56	
200	27	9.2	42.27	50.6	79 6	

[1] Dpl. med. 6‥8″ 215° ±. Unsicher, Wolken

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8^h			
199	71.26	9.4	$56^m43^s.50$	$17^\circ 10' 12''.8$	$279^\circ 42'$	
200	27	9.4	43.59	11.6	80 20	
62	70.09	s.8—h.8-9	56 48.08	19 10 50.9	78 18	
83	19	8.6	48.05	49.7	281 42	
8	69.25	s. 8-9	56 48.71 (½)	18 29 22.4 (½)	*280 56	
95	70.27	9.0	48.93	22.1	79 0	
193	71.21	8.8	49.00	22.1	281 2	
199	71.26	9.6	56 51.22	18 20 36.7	280 54	
200	27	9.5	51.22	38.7	79 10	
12	69.26	s.9	57 14.40(0.4)	14 57 18.5 (½)	277 26	
95	70.27	9.1	14.45	19.4	82 32	
193	71.21	9.2	14.51	20.3	277 30	
1	69.15	9	57 18.84(0.3)	18 46 22.8 (½)	281 20	
75	70.16	9	18.78	21.9	281 18	
96	27	9.2*	18.76	22.7	78 44	*Schätz.rel.hell
96	70.27	9.1*	57 22.05	14 47 46.9	82 42	*Schätz.rel.hell
195	71.21	9.1	22.10	46.9	277 20	
96	70.27	9.3*	57 42.28	15 20 52.2	82 10	*Schätz.rel.hell
195	71.21	9.2	42.34	53.0	277 54	
93	70.26	9.2	57 51.02	15 45 29.1	81 44	
197	71.22	9.3	51.08	27.7 (½)	278 18	
93	70.26	9.1	57 51.39	15 52 16.2	81 38	
197	71.22	9.1	51.48	15.6	278 24	
77	70.16	9.2	58 8.54	16 32 55.0	279 6	
94	27	9.2	8.47	55.5	80 58	
93	70.26	9.1	58 9.74	15 40 53.8	81 50	
197	71.22	9.2	9.63	51.9	278 14	
9	69.25	8-9	58 17.69 (½)	19 26 44.9 (½)	281 54	
62	70.09	8-9	17.78	43.8	78 2	
83	19	8.7	17.71 (½)	44.4 (½)	281 59	
12	69.26	s.9	58 19.37(0.3)	19 46 —	282 14	3 F.
62	70.09	s.8-9	19.45	36.8	77 42	
83	19	9.1	19.54	37.8 (½)	282 19	
95	70.27	9.1	58 21.70	14 44 31.5	82 46	
195	71.21	8.5	21.72	30.4 (½)	277 18	
97	70.28	8.8	58 22.24	19 14 40.0	78 16	
193	71.21	9.0	22.21	39.3	281 48	
97	70.28	8.0	58 23.10	19 56 0.1	77 34	
193	71.21	8.2	23.02	55 59.0	282 28	
77	70.16	8.2	58 27.51	16 24 11.3	278 50	
94	27	8.6	27.54	11.3	81 6	
199	71.26	9.7	58 32.17	19 32 26.9	282 4	
200	27	9.8	32.13	26.6 (½)	77 58	
185	71.17	9.2	58 32.17	17 54 26.5 (½)	79 36	
77	70.16	8.8	58 34.74	16 23 14.5	278 50	
94	27	9.1	34.73	16.1	81 8	
95	70.27	9.2	58 39.75	15 17 21.7	82 12	
195	71.21	9.0	39.81	20.9	277 50	
75	70.16	8	58 44.49	17 53 14.8	280 26	
97	28	8.6*	44.48:(½)	13.3:(½)	79 36	* gz. zfl.
185	71.17	8.2	44.47 (½)	14.4 (½)	79 38	
199	71.26	9.8	58 53.72	18 17 13.7	280 50	Z. 200: $9^m.8$
96	70.27	9.2*	59 2.29	19 42 15.7	77 48	*Schätz.rel.hell
193	71.21	9.5	2.39	17.3	282 14	
197	22	9.2	2.35	16.8	282 14	schw. Com. 155° ?
77	70.16	7.5	59 14.84	16 21 37.2	278 54	
94	27	7.9	14.85	38.2	81 8	
75	70.16	7.8	59 15.03 (½)	17 36 43.1 (½)	280 8	
97	28	7.9	14.95	43.3	79 54	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8^h			
77	70.16	9.0	$59^m19^s.64$	$14^\circ 59' 55''.9$	$277^\circ 32'$	
93	26	9.2	19.77	55.8	82 30	
4	69.17	—	59 22.64(0.1)	19 55 41.7 (½)	282 24	1 F.
62	70.09	s.9	22.55	41.6	77 34	
83	19	9.0	22.65 (½)	42.4 (½)	282 28	19°2158 $9^m.1$
12	69.26	7:	59 25.30 (½)	15 46 22.9 (½)	278 14	
93	70.26	7.9	25.33	23.0 (½)	81 44	
199	71.26	7.8	25.25	23.2 (½)	278 18	
195	71.21	9.2	59 38.09	15 37 31.6	278 10	
93	70.26	8.0	59 49.39	15 43 2.6	81 48	
195	71.21	8.0	49.35	1.9	278 16	
95	70.27	9.2	59 54.74	15 36 26.8	81 54	
195	71.21	9.2	54.85	26.4	278 10	
1	69.15	9.3	59 55.20 (½)	18 7 55.0 (½)	280 42	
96	70.27	9.1*	55.31	55.0	79 22	*Schätz.rel.hell
197	71.22	9.0	55.31	54.7	280 40	
8	69.25	9-10	59 59.69(0.2)	18 46 8.2 (½)	*281 14	2 F.
95	70.27	9.2	59.81	10.5	78 44	
193	71.21	9.5	59.75	11.0	281 20	
			9^h			
9	69.25	8	0 9.26 (½)	18 38 39.5 (½)	281 6	
96	70.27	8.4	9.13	41.5	78 52	
193	71.21	8.7	9.17	40.8	281 12	unr. u. schw.
14	69.28	9 W.	0 31.31(0.4)	17 6 41.2	279 34	
75	70.16	9	31.36	41.9	279 38	
97	28	9.0	31.36 (½)	40.3	80 24	
5	69.17	—	0 47.84(0.2)	19 40 2.9 (½)	282 8	2 F.
12	26	9-10	47.95(0.3)	2.6 (½)	282 8	3 F.
62	70.09	9-10	48.06:(½)	0.1:(½)	77 50	
83	19	9.3	48.01	1.3	282 12	
95	27	9.2	47.86	0.9	77 50	
75	70.16	s.9	0 48.35	17 31 44.8	280 4	
96	27	9.2	48.34	45.8	79 58	
197	71.22	9.2	48.26	44.2	280 4	
77	70.16	8.8	0 51.90	15 10 12.8	277 42	
94	27	9.0	51.89	13.9	82 20	Z.195: h.9^m
94	70.27	7.7	1 13.54	15 12 50.2	82 18	
195	71.21	7.5	13.53	50.9	277 46	
14	69.28	Wolk.	1 34.94(0.4)	17 12 18.2 (½)	279 40	
75	70.16	8	35.05	18.2	279 44	
97	28	7.5	35.02	19.1	80 18	
75	70.16	s.9:	1 51.10	16 55 25.6	279 28	
97	28	9.4	51.16	25.7	80 34	
1	69.15	8.8	1 52.22 (½)	18 11 1.3 (½)	280 44	
5	17	8-9	52.47(0.3)	1.3 (½)	280 40	3 F., erster +1s [corr.
96	70.27	9.0	52.35	0.0	79 20	
193	71.21	9.1	52.34	0.8	280 44	
75	70.16	s.8-9	1 54.48	17 44 20.9	280 16	
95	27	8.5	54.43	22.0	79 46	
9	69.25	7.8	2 1.69 (½)	17 58 26.9 (½)	*280 26	
97	70.28	7.9	1.71	28.8	79 32	
193	71.21	7.8	1.76	28.6	280 32	
93	70.26	8.5	2 18.44	15 44 43.7	81 46	Com. $9^m.5$ [1]
195	71.21	8.0	18.37	43.6	278 13	C. $9^m.5$ 8s 60°±
94	70.27	9.2	2 26.04	15 48 57.4	81 42	
197	71.22	9.5	26.09	57.6	278 22	
12	69.26	h.9-10	2 30.73(0.4)	19 31 30.8 (½)	282 0	
62	70.09	s.9	30.74	31.4	77 58	
83	19	9.1	30.63	31.8	282 4	

[1] beob. $9^h 2^m 18^s.70$: $15^\circ 44' 49''.3$:

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9^h			
95	70.27	8.9	$2^m30^s.96$	16° 19′ 14″.2	81° 12′	
197	71.22	8.7	30.94 (½)	13.6 (2)	278 52	
93	70.26	8.5	2 38.55	15 41 22.8	81 48	
195	71.21	8.5	38.51	21.7 (½)	278 14	
14	69.28	h.9	2 40.05 (0.4)	16 35 52.0 (½)	279 4	
77	70.16	8.6	40.10	51.4	279 8	
95	27	8.9	40.16	50.6	80 54	
199	71.26	9.3	2 50.42	17 57 32.4	280 30	10^m 1^s v. 2′ N.
200	27	9.4	50.50	32.0	79 34	
77	70.16	8.0	2 51.70	15 57 7.4	278 30	
94	27	8.4	51.76	8.6	81 34	Z.195: h.9^m
199	71.26	9.6	2 53.32	18 31 1.7	281 4	
200	27	9.7	53.23	4.1	79 0	
4	69.17	—	2 55.88 (½)	19 27 34.8 (½)	281 56	k. s., viel < 9^m
5	17	8-9 W.?	55.87 (0.3)	34.7 (½)	281 56	3 F.
62	70.09	8-9 .. s.8-9	56.01	34.5	78 2	
83	19	8.7	56.10	34.3 (½)	282 0	
195	71.21	9.3	2 58.08	15 53 0.4	278 26	
94	70.27	8.3	3 1.30 (½)	14 57 42.4	82 32	3 F.
195	71.21	8.0	1.25 (½)	44.0	277 30	3 F.
75	70.16	h.9	3 6.14	17 19 13.9	279 52	
96	27	9.1	6.17	15.8	80 12	
1	69.15	9.3	3 31.12 (0.2)	18 8 42.0 (½)	280 42	2 F.
96	70.27	9.3	31.10	42.0	79 22	
193	71.21	9.5	31.14	42.5	280 42	
77	70.16	8.3	3 31.36	16 5 39.5	278 38	
95	27	8.6	31.32	39.8 (½)	81 24	
199	71.26	10	3 33.03 (½)	17 53 2.2: (½)	280 26	3 F.
200	27	10	33.10 (½)	5.9: (½)	79 38	3 F.
12	69.26	h.9 .. s.8-9	3 44.57 (½)	17 32 43.6 (½)	280 0	
75	70.16	8-9	44.56	42.9	280 4	
97	28	9.2	44.49 (2)	44.5 (2)	79 58	
93	70.26	9.0	3 49.08	14 45 59.1	82 44	
193	71.21	9.2	49.08	46 0.5	277 20	
8	69.25	s.8	3 49.79 (½)	19 23 46.2 (½)	*281 52	
62	70.09	s.8	49.78	46.8	78 6	
83	19	8.3	49.75	45.6 (½)	281 56	
75	70.16	s.8-9 .. h.9	4 4.06	17 37 23.9	280 10	
96	27	9.3	4.03	23.5	79 52	
77	70.16	9.1	4 29.29	16 5 10.3	278 38	
95	27	9.2	29.41	11.0	81 24	
199	71.26	9.6	4 39.51	18 34 24.2	281 6	
93	70.26	9.2	4 45.86	14 52 6.9	82 38	
195	71.21	9.1	45.84	7.0	277 24	
9	69.25	s.9	4 46.53 (½)	18 32 34.8 (½)	*281 0	
96	70.27	9.2	46.54	35.5	78 58	
193	71.21	9.2	46.57	35.4 (½)	281 6	
200	27	9.2	46.62	35.1	78 58	
94	70.27	8.9	4 52.06	14 59 13.1	82 32	
195	71.21	8.8	52.08	14.0	277 32	
5	69.17	h. 8, W.	4 55.55 (0.4)	18 33 20.4 (½)	281 2	
96	70.27	7.7	55.49	17.4	78 56	
193	71.21	7.4	55.43	17.7	281 6	
94	70.27	9.1	4 59.70	17 21 2.1	80 10	
195	71.21	9.1	59.81	3.1	279 54	
199	71.26	9.3	5 14.30	15 27 36.8	278 0	
12	69.26	s.8-9 .. h.9	5 21.79 (0.4)	19 11 8.6 (½)	281 38	
62	70.09	h.9	21.76	7.6	78 18	
83	19	9.1 W.	21.76	7.9	281 44	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9^h			
77	70.16	7.0	$5^m27^s.24$	15° 29′ 54″.1 (½)	278° 2′	
97	28	7.2	27.27 (½)	52.3 (½)	82 0	
93	70.26	9.0	5 29.70	15 14 —	82 —	
199	71.26	9.2	5 38.07	18 28 41.9 (½)	281 2	
200	27	9.4	38.07	42.6 (½)	79 2	
16	69.29	8 u. 9	5 —	17 2 12.4	279 30	Dpl. med. 75°
75	70.16	h.8	41.91	11.8	279 34	
96	27	8.5	41.92	13.4	80 28	Dpl.[1]
14	69.28	h.9	5 43.10 (0.4)	19 46 13.0 (½)	282 14	
62	70.09	9	43.24	12.2	77 44	
83	19	9.0 W.	43.14	13.9	282 18	
75	70.16	h.8-9	5 49.30	17 8 31.3 (½)	279 40	
95	27	8.6	49.34	32.2 (½)	80 22	
1	69.15	8.5	5 53.95 (½)	17 59 33.0 (½)	280 34	
4	17	8	53.91 (½)	32.8 (½)	280 28	
5	17	8-9 W.	54.21 (0.3)	—	280 —	3 F.
95	70.27	9.0	53.95	33.0	79 30	
193	71.21	8.6	53.94	31.6	280 32	
93	70.26	9.1	6 17.24	15 15 38.1 (½)	82 14	
195	71.21	8.8	17.17	36.6	277 48	
8	69.25	9	6 28.42 (0.3)	19 38 1.0 (½)	*282 6	
62	70.09	h.9 .. s.8-9	28.56	1.1	77 52	
83	19	9.1 W.	28.57	37 59.4	282 10	
75	70.16	9 .. s.9	7 1.79	17 28 35.0	280 0	
94	27	9.2	1.77	33.8	80 2	
12	69.26	h.8-9	7 14.37 (½)	18 46 21.3 (½)	281 14	
94	70.27	8.8	14.32 (½)	23.2 (½)	78 44	
193	71.21	9.1	14.38	23.4	281 20	
16	69.29	9	7 —	19 14 34.6	281 42	
62	70.09	8-9	25.37	35.5	78 16	
83	19	9.1 W.	25.25	34.3	281 46	
77	70.16	8.9	7 28.98	16 38 49.5	279 10	
93	26	9.0	28.92	48.2	80 52	
16	69.29	8-9	7 —	19 9 32.6	281 38	
62	70.09	s. 8-9	30.37	34.0	78 20	19°2180 s.9^m
83	19	9.0	30.27	33.3	281 42	» s.9
1	69.15	9.4	7 46.96 (0.3)	17 56 52.6: (½)	280 30	3 F.
95	70.27	9.3	46.92	55.4	79 34	
96	27	9.3	46.86	55.8	79 34	
193	71.21	9.3	46.80	57.3	280 30	
77	70.16	8.2	8 1.02	16 31 16.6 (½)	279 4	
95	27	8.6	1.11	17.8	81 0	
75	70.16	s. 9-10	8 10.66: (½)	17 3 18.9: (½)	279 36	
94	27	9.3	10.69	19.7	80 26	
197	71.22	9.4	10.61	19.3	279 36	
96	70.27	6.5	8 19.70 (½)	15 27 31.1 (½)	82 3	
195	71.21	6.3*	19.74	31.8 (½)	278 0	* blass orange
8	69.25	h. 8-9	8 43.94 (0.3)	19 45 52.5 (½)	*282 14	
62	70.09	8-9	43.96	53.4	77 44	
83	19	8.8	43.99	51.8	282 18	
9	69.25	8	8 48.49 (½)	19 18 43.4 (½)	281 46	
62	70.09	h. 8-9	48.39	43.8	78 10	
83	19	8.7 s. zfl.	48.43	43.2	281 52	
12	69.26	h.8-9 .. s.8	8 49.80 (½)	18 0 44.8 (½)	*280 28	
94	70.27	8.5:	49.88	46.5	79 30	
193	71.21	8.8	49.87	45.0	280 34	
77	70.16	7.9	8 —	15 31 38.1 (½)	278 4	
93	26	8.0	58.73	36.3	81 58	
197	71.22	8.0	58.68	37.7	278 4	

[1] etwa $8^m.7$ u. $9^m.0$ 45° 1″.5

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9^h			
77	70.16	8.4	9^m —	15° 24' 18.2 (½)	277° 56'	
93	26	8.8	5.54 (½)	17.7 (½)	82 6	
97	71.22	8.5	5.61	18.1	277 56	
95	70.27	8.8	9 16.88	15 38 20.6	81 52	
95	71.21	8.5	16.81	20.0	278 12	
99	71.26	9.7	9 21.53 (½)	14 57 24.8 (2)	277 30	
00	27	10.0	21.65 (½)	24.0 (½)	82 34	
93	70.26	9.3	9 23.08	15 58 12.3	81 32	
95	71.21	9.3	23.06	12.7 (½)	278 32	
14	69.28	7:	9 26.00 (½)	19 19 47.2 (½)	281 48	
96	70.27	7.4	26.06 (½)	47.9 (½)	78 11	
93	71.21	7.7	25.99	48.3	281 52	
16	69.29	9	9 —	19 46 32.6	282 14	
62	70.09	9	32.37	33.7	77 42	
83	19	9.1	32.36	33.8	282 18	
75	70.16	9 .. 8.9	9 42.97	17 45 33.7	280 18	
94	27	—	42.83	32.8	79 41	
4	69.17	h. 8	9 54.17 (½)	18 38 57.3 (½)	281 8	
95	70.27	8.3	54.04	58.3	78 52	
93	71.21	8.6	54.04	58.7	281 12	
75	70.16	h.9 .. s.8-9	10 24.53	17 4 25.0	279 36	
93	26	8.9	24.47	24.9	80 26	
75	70.16	h.8-9 .. 8-9	10 40.36	17 13 36.4	279 46	
93	26	9.0	40.36	36.9	80 16	
9	69.25	h. 8-9	11 1.08 (½)	18 34 7.5 (½)	281 2	
95	70.27	8.8	1.04	8.1 (½)	78 56	
193	71.21	9.0	0.97	10.7	281 8	
94	70.27	9.2	11 6.85	16 50 45.1	80 40	
195	71.21	9.0	6.75	46.3 (½)	279 24	
12	69.26	9	11 11.26 (½)	18 15 13.1 (½)	*280 42	
77	70.16	8.9	—	14.3	280 48	
92	26	9.0	11.27 (½)	14.1	79 16	
193	71.21	9.3	11.23	14.7	280 48	
199	26	8.7	11.24	13.9	280 48	
200	27	9.0	11.35	15.1	79 16	
97	70.28	9.2	11 14.60	16 4 38.7	81 26	
195	71.21	9.3	14.63	37.8	278 38	
16	69.29	8	11 —	19 18 15.9	281 46	
62	70.09	8 .. h.8	14.83	15.8	78 12	
83	19	8.0	14.95	14.9 (½)	281 50	
199	71.26	9.2	11 31.44	18 14 53.0	280 48	
200	27	9.3	31.44	53.9	79 16	
16	69.29	s. 8-9	11 —	17 45 45.3	280 14	
96	70.27	8.7	37.95	44.4	79 44	
197	71.22	8.4	37.89	45.4	280 18	
96	70.27	9.1	11 39.99	19 56 45.2	77 34	
198	71.22	9.0	40.03	44.2 (½)	282 28	
96	70.27	9.2	12 3.75	17 41 25.6	79 50	Bel. zu hell
197	71.22	9.3	3.72	25.4	280 14	
8	69.25	h.9	12 27.27 (½)	18 35 4.6 (½)	*281 4	
193	71.12	9.3	27.16	2.5	281 8	
200	27	9.1	27.28	4.4	78 56	
95	70.27	9.3	12 42.95	15 49 10.6	81 42	
195	71.21	9.2	43.00	11.3	278 22	
97	70.28	9.2	12 48.95	16 6 1.0	81 24	
195	71.21	9.2	48.98	3.1	278 40	
95	70.27	9.3	12 51.05	15 53 30.9	81 36	
195	71.21	9.3	51.13	30.4	278 26	

* Nr. 3762: 83 Cancri, Fund.-St.

Zone	Ep.	Grösse	RA 1875	Decl. 1875	Theilstr.	Bemerkungen
			9^h			
96	70.27	9.2	$12^m 56^s.43$	16° 39' 2.2	80° 52'	
197	71.22	9.3	56.43	2.0	279 12	
77	70.16	8.5	13 —	16 27 50.6 (½)	279 0	
97	28	8.9	5.83	51.8	81 2	
197	71.22	8.5	5.75 (½)	50.7 (½)	279 0	
77	70.16	8.9	13 —	15 59 18.0	278 32	
94	27	8.7	9.86	18.2	81 30	
197	71.22	9.0	9.82	17.7	278 32	
94	70.27	9.1	13 26.82	16 1 6.7	81 28	
197	71.22	9.3	26.84	6.2	278 34	
12	69.26	h .. 8 .. 9 ..	13 35.80 (½)	19 37 6.1 (½)	282 4	
62	70.09	8.7	35.80	5.9	77 52	
83	19	7*	35.71	5.1	282 10	* äuss. unr.
75	70.16	8	13 40.15	17 39 18.4	280 12	
97	28	8.3	40.10	19.5	79 50	
77	70.16	8.7	13 —	16 40 48.3	279 14	
96	27	9.0	43.51	48.0	80 52	
198	71.22	8.7	43.52	47.0 (½)	279 14	
16	69.29	s. 8-9	13 —	18 4 58.4	280 34	
96	70.27	9.0	46.45 (½)	58.6	79 26	2 F.
97	28	9.2	46.41 (½)	58.8 (½)	79 24	
193	71.21	9.3	46.54	58.5 (½)	280 38	
94	70.27	9.2	13 51.78	16 1 29.2	81 28	
197	71.22	9.2	51.80	29.4	278 34	
95	70.27	8.7	14 19.89	19 58 10.7	77 32	
193	71.21	8.8	19.82	11.2	282 32	
95	70.27	7.2	14 21.22	15 54 2.7	81 36	
96	27	6.8:	—	2.9	81 36	
99	30	7.3	21.18	2.0	278 26	
16	69.29	7	14 —	17 7 46.1	*279 36	
75	70.16	9 .. h. 8	28.72	44.0	279 40	
97	28	7.5 s.unr.	28.76	45.0 (½)	80 22	
12	69.26	7-8	14 46.22 (½)	19 16 48.8 (½)	281 44	
62	70.09	8 s. unr.	46.28 (½)	48.6 (½)	78 13	
83	19	7.9	46.21	48.8	281 50	
75	70.16	h 9-10	14 49.21 (½)	16 59 54.2 (½)	279 32	
94	27	9.3	49.26	54.1	80 30	
195	71.21	9.2	14 58.46	15 30 41.4	278 4	
200	27	9.1	58.44	42.6	82 0	
199	71.26	9.2	15 6.64	15 42 7.1	278 14	
200	27	9.3	6.73	7.2	81 48	
199	71.26	9.4	15 27.72	17 50 44.4	280 24	
200	27	9.3	27.61	44.8	79 40	17°2073 $9^m.2$
93	70.26	9.0	15 31.01	15 25 13.7	82 6	
195	71.21	8.5	31.02	13.1	277 58	
93	70.26	9.3	15 38.82	15 25 44.7	82 4	
195	71.21	9.3	38.76	45.5	277 58	
93	70.26	9.4	15 45.00	15 5 1.0	82 24	
195	71.21	9.3	44.99	0.1	277 38	
8	69.25	h.7-8	15 48.18 (0.3)	18 39 50.3 (½)	*281 8	
62	70.09	h.8	48.11 (½)	50.4 (½)	78 51	
83	19	7.9	48.08 (½)	50.6 (½)	281 13	
94	70.27	9.3	15 49.58	20 2 38.0	77 28	Bem. [1]
193	71.21	9.6	49.57	41.3	282 34	
197	22	9.7	49.39 (½)	37.2	282 36	3 F.
12	69.26	8 .. h.8	15 51.08 (½)	16 18 38.2 (½)	278 46	
95	70.27	8.0	50.93	38.7	81 12	
197	71.22	8.0	50.93	38.6	278 52	

[1] 20°2309 u. 2310 $9^m.3$

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9h			
199	71.26	9.5	16m 26s.07	16° 41′ 55″.0 (½)	279° 15′	
200	27	9.5	26.10	54.8	80 48	
94	70.27	8.7	17 4.37	20 0 53.2	77 30	
193	71.21	8.3	4.33	52.6	282 34	
9	69.25	8-9	17 5.55 (½)	18 43 10.7 (½)	*281 12	
62	70.09	8-9	5.63	11.2	78 46	
83	19	8.5	5.61	10.8	281 16	
93	70.26	9.2	17 8.02	14 59 48.8	82 30	
193	71.21	9.2	8.07	49.1	277 32	
197	22	9.2	7.97	49.1	277 32	
4	69.17	h. 7-8	17 31.78 (½)	18 40 40.1 (½)	281 8	
95	70.27	7.3	31.80 (½)	40.0 (½)	78 51	
99	30	7.5	31.90	40.0	281 12	
12	69.26	h. 7-8	17 43.40 (½)	18 14 48.8 (½)	280 42	
94	70.27	7.4	43.21	47.9	79 16	
99	30	7.5	43.27	47.8	280 46	
16	69.29	s. 8-9	18 —	19 17 11.5	281 46	
62	70.09	h. 9	2.70	12.1	78 12	
83	19	8.9	2.56 (½)	12.0 (½)	281 50	
93	70.26	9.2	18 9.07	14 51 45.7	82 38	
193	71.21	9.4	9.11	46.7	277 24	
197	22	9.3	9.04 (½)	46.4 (½)	277 24	
93	70.26	9.0	18 15.94	15 21 0.6	82 10	
195	71.21	8.7	15.93	1.2 (½)	277 54	
16	69.29	6-7	18 —	17 7 26.4	279 36	
95	70.27	6.7	36.97 (½)	25.2 (½)	80 23	
99	30	6.8	36.98 (½)	24.8 (½)	279 40	
12	69.26	s. 8-9	18 43.64 (0.4)	17 38 6.9 (½)	280 6	
94	70.27	9.0	43.72	7.8	79 52	
193	71.21	8.8	43.65	9.4	280 10	
195	21	8.5	43.78	8.3	280 10	
8	69.25	8-9	19 1.76 (½)	19 26 22.3 (½)	*281 54	
62	70.09	9	1.76	20.0	78 4	
83	19	8.7	1.81 (½)	21.2 (½)	281 58	
94	70.27	9.3	19 10.13	17 0 51.2	80 30	
197	71.22	9.4	10.10 (½)	50.7	279 34	3 F.
9	69.25	7-8	19 33.46 (½)	19 35 53.6 (½)	282 4	
62	70.09	h. 8	33.44	53.6	77 54	s. unr.
83	19	7.8	33.48	53.1	282 8	
16	69.29	s. 8	19 —	17 14 16.8	279 42	
95	70.27	8.0	41.67 (½)	16.4 (½)	80 17	
197	71.22	8.1	41.60	15.6	279 48	
16	69.29	s. 9	19 —	17 39 16.9	280 8	
95	70.27	9.2	44.96	15.5	79 52	
193	71.21	9.1	45.00	16.7	280 12	
197	22	9.1	44.97	15.8	280 12	
93	70.26	9.1	19 47.43	15 39 20.2	81 50	
195	71.21	8.7	47.49	20.6	278 12	
97	70.28	8.5	19 56.48 (2)	15 28 15.9 (2)	82 2	
195	71.21	8.0	56.42	14.4	278 2	
93	70.26	8.0	19 56.67	15 2 6.7	82 28	
99	30	7.9	56.69 (½)	6.1 (½)	277 35	
94	70.27	9.0	19 58.96	17 23 38.7	80 6	
198	71.22	9.2	58.95 (½)	38.6 (½)	279 56	
12	69.26	8	20 0.97 (½)	18 34 39.2 (½)	281 2	
95	70.27	8.5	1.00	39.0	78 56	
193	71.21	8.0	1.03	39.7	281 8	
96	70.27	7.3	20 5.36 (½)	14 50 42.0 (½)	82 40	
99	30	7.1	5.36 (½)	41.9 (½)	277 24	
4	69.17	s. 9	20 8.16 (0.3)	18 46 29.8 (½)	281 14	3 F.
62	70.09	s. 9	8.12	26.4	78 44	
83	19	9.0	8.13 (½)	26.9 (½)	281 18	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9h			
93	70.26	9.3	20m 20s.25	15° 3′ 33″.6	82° 26′	
195	71.21	9.3	20.20	33.2	277 36	
94	70.27	9.2 u. 9.5	20 45.37 (½)	16 17 1.1 (½)	81 12	Bem. [1]
195	71.21	{ 9.3	45.27	3.7	278 50	} Dpl. 6° 1
		9.3	45.38	16 59.5	278 50	
94	70.27	8.8	20 50.58	17 25 10.9	80 4	
198	71.22	9.1	50.55 (½)	11.6 (½)	279 58	
199	71.26	9.2	20 51.29	16 4 22.6	278 36	
9	69.25	8.9	20 58.38 (0.4)	18 11 38.9 (½)	280 40	
91	70.26	9.0	58.30	37.4	79 18	
193	71.21	9.2	58.41	40.3 (½)	280 44	
199	71.26	9.3	20 58.69	16 4 44.4	278 36	16° 1967
92	70.26	8.9	21 0.09	17 31 38.1	79 58	
198	71.22	9.1	0.06	37.9 (½)	280 4	
12	69.26	9	21 26.48	18 21 2.5 (½)	280 48	
62	70.09	h. 9	26.42	2.9	79 8	Z. 91:
83	19	9.0	26.30	2.5	280 54	Z. 193:
16	69.29	9	21 —	18 18 47.8	280 46	[197:
91	70.26	8.9	27.48	45.4	79 12	
193	71.21	9.1	27.46	45.2	280 52	
197	22	9.1	27.52	46.5	280 52	
94	70.27	8.7	21 32.59	15 42 33.2	81 48	
99	30	8.2	32.59 (½)	32.7 (½)	278 15	
9	69.25	h. 8	21 59.36 (½)	19 49 52.5 (½)	282 18	1 Fad.–1
62	70.09	s. 8	59.19	51.1	77 40	s. unr.
83	19	8.0	59.29	52.2	282 22	
16	69.29	9	22 —	18 22 52.6	280 50	
91	70.26	9.0	5.01	52.4	79 8	
193	71.21	9.2	5.01	51.2	280 56	
197	22	9.2	4.92	52.6	280 56	
92	70.26	8.5	22 5.88	17 39 36.6	79 50	
197	71.22	8.3	5.89	37.2 (½)	280 12	
94	70.27	9.0	22 29.58	15 55 0.3	81 36	
195	71.21	8.5	29.50 (½)	54 58.5	278 28	
8	69.25	7	22 35.27 (½)	18 11 50.8 (½)	*280 40	
91	70.26	7.3	35.31	49.0	79 18	
99	30	7.3	35.31 (½)	49.0 (½)	280 45	
92	70.26	9.0	22 47.68	16 53 27.3	80 36	
198	71.22	9.1	47.72	29.0 (½)	279 26	
12	69.26	s. 8-9	22 49.60 (½)	19 38 42.1 (½)	282 6	
62	70.09	h. 9	49.58	40.7	77 50	
83	19	8.7	49.50	41.4	282 10	
199	71.26	9.6	22 49.74	18 5 41.3	280 38	
91	70.26	9.0	22 58.86	20 0 28.5	77 30	
193	71.21	9.3	58.75	32.6	282 34	
198	22	9.2	58.77 (½)	28.8 (½)	282 32	
199	71.26	9.5	23 23.36	15 45 21.0	278 18	
92	70.26	9.1	23 27.02	16 0 7.3	81 30	
195	71.21	9.1	27.12	6.2	278 34	
199	71.26	9.6	23 27.93	18 42 8.9	281 14	
92	70.26	9.0	23 35.81	15 48 38.5	81 42	
99	30	9.0	35.82	38.5	278 22	
16	69.29	s. 8-9	23 —	15 27 50.5	*277 56	
94	70.27	—	36.89 (½)	48.8 (½)	82 2	
99	30	8.9	36.89	50.6	278 0	
193	71.21	9.1	36.83 (½)	50.2 (½)	278 0	etw. uns.
197	22	9.0	36.86 (½)	50.1 (½)	278 0	
92	70.26	8.5	23 43.15	15 48 30.2	81 42	
99	30	8.4	43.25	30.1	278 22	

[1] Dpl. 5″ 135° ± med. [2] Beide unsicher, unruhig

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9h			
4	69.17	h.9	23m 46s.87 (0.4)	18° 24' 6".9 (½)	280° 52'	3 F.
2	70.09	h.9	46.85	4.8	79 6	
3	19	8.8	46.85	6.5	280 56	
0	71.26	9.5	23 57.51 (½)	17 6 10.3 (½)	279 38	
1	70.26	9.2	24 2.97	20 0 34.5	77 30	
3	71.21	9.3	2.91	33.6	282 34	
8	22	9.4	2.96 (½)	34.6 (½)	282 32	
12	69.26	s.7	24 45.46 (½)	16 19 8.8 (½)	278 48	
2	70.09	s.7-8	45.65	10.2	81 10	
3	19	7.6	45.61	9.7	278 52	
12	69.26	8-9	26 4.76 (½)	17 2 43.1 (½)	279 30	
1	70.26	9.0	4.81	45.2 (½)	80 28	
99	30	9.0	4.75	44.5	279 36	
92	70.26	9.1	26 6.63	14 57 37.2	82 32	
93	71.21	9.3	6.72 (2)	38.3	277 30	
95	21	9.0	6.58	38.8	277 30	
92	70.26	9.0	26 13.39	16 17 39.0	81 12	
97	71.22	9.2	13.31 (½)	38.8 (½)	278 50	
8	69.25	h.8-9	26 29.09 (½)	18 50 15.8 (½)	*281 18	
91	70.26	8.4	28.99	15.1	78 40	
99	30	8.2	29.00 (½)	15.8 (½)	281 23	
9	69.25	s.7-8	26 39.67 (½)	19 17 20.4 (½)	**281 46	
62	70.09	s.8	39.79	21.3	78 12	
83	19	8.0	39.64 (2)	19.7	281 50	
92	70.26	9.5	26 42.84	16 7 53.7	81 22	
93	71.21	9.8	42.83 (½)	52.7 (½)	278 40	gz. unsicher
95	21	9.5	42.68	54.4	278 40	Bem. [1]
99	71.26	9.4	26 47.86	17 50 43.2	280 24	
99	71.26	9.4	26 52.10	17 37 6.4	280 10	
92	70.26	9.0	27 0.16	16 2 53.3	81 28	
93	71.21	8.8	0.22	56.3	278 36	
92	70.26	9.1	27 4.46	16 4 50.5	81 26	
95	71.21	9.1	4.45	48.5	278 38	
4	69.17	h.8	27 28.38 (½)	18 57 35.1 (½)	281 24	
62	70.09	8-9	28.28	37.0	78 32	s. unr.
83	19	7.9	28.28	35.0	281 30	
91	70.26	8.9	27 31.86	15 8 43.0	82 22	
195	71.21	8.4	31.90	42.3	277 42	
199	71.26	9.5	27 36.78	17 2 9.3	279 34	
12	69.26	h.8-9	27 38.28 (½)	18 31 23.2 (½)	281 0	
91	70.26	8.9	38.30	21.1	78 58	
99	30	8.5	38.17	22.5	281 4	
91	70.26	8.8	27 50.22 (½)	17 0 5.0	80 30	
195	71.21	8.5	50.27 (½)	4.9	279 34	
92	70.26	9.1	27 56.68	14 58 22.9	82 32	
193	71.21	9.3	56.75	23.3	277 32	
197	22	9.3	56.61 (½)	22.7 (½)	277 30	
4	69.17	s.8-9	28 28.77 (½)	18 56 49.4 (½)	281 26	
62	70.09	9	28.92	48.8	78 32	
83	19	9.0	28.72	46.9	281 30	
89	70.25	8.9	28 42.14	15 22 56.4	82 8	
100	30	8.8	42.10	57.5	277 56	
101	30	9.0	42.16 (½)	56.6	277 56	2 F.
199	71.26	9.3	28 46.51	19 9 24.4	281 42	Bel. e. z. hell
199	71.26	9.9	28 55.86	15 53 36.0	278 26	
92	70.26	6.9	29 2.89	14 56 11.6	82 34	
99	30	6.8	2.93	11.4	277 28	

[1] F. 2 + 1s corr., nicht ganz sichere Correctur

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9h			
92	70.26	9.0	29m 5s.76	14° 56' 18".2	82° 34'	
99	30	9.1	5.79	18.8	277 28	
89	70.25	8.8	29 21.75	15 9 19.7	82 20	
193	71.21	8.8	21.69	20.1	277 42	
12	69.26	s.8 .. h.8-9	29 24.37 (½)	17 47 14.9 (½)	280 16	
62	70.09	8-9	24.59	14.6	79 42	
83	19	8.6	24.22	15.4	280 20	
89	70.25	9.0	29 26.95	15 8 50.1	82 20	
193	71.21	9.1	27.03	50.3	277 42	
8	69.25	8-9	29 27.21 (½)	19 29 9.7 (½)	*281 58	
62	70.09	s.8-9	27.23	10.3	78 0	
83	19	8.9	27.33	11.5	282 2	
91	70.26	6.5	30 8.69	16 59 48.3 (½)	80 30	
99	30	5.3	8.66	48.7	279 32	
199	71.26	8.8	30 12.97	18 23 40.0 (½)	280 56	
91	70.26	8.0	30 14.37	16 47 11.0	80 44	spl.
99	30	8.0	14.36	11.3	279 20	obl.? med. [2]
91	70.26	9.2	30 17.13	16 2 32.1	81 28	
100	30	9.1	17.20 (½)	31.3	278 34	3 F.
89	70.25	8.6	30 26.43	15 48 41.1	81 40	
101	30	8.3	26.48	41.6	278 22	
193	71.21	[h.8 [3]]	26.44 (½)	42.0	278 22	1 F.
94	70.27	9.2	30 29.34	15 54 20.7	81 36	
193	71.21	9.3	29.39	21.8 (½)	278 28	
197	22	9.4	29.28 (½)	21.1 (½)	278 26	
91	70.26	8.9	30 46.76	16 1 8.9	81 28	
100	30	8.7	46.80	7.6	278 34	
89	70.25	9.2	31 2.21	15 46 43.9	81 44	
195	71.21	9.0	2.16 (½)	44.2 (½)	278 20	
92	70.26	8.0	31 4.17	17 23 43.2	80 6	
99	30	7.8	4.19	43.3	279 56	
9	69.25	h.9	31 8.66 (½)	19 12 4.9 (½)	281 40	
62	70.09	9	8.58	6.1	78 18	
83	19	9.0	8.66	5.8	281 44	
12	69.26	7-8	31 9.15 (½)	17 55 3.1 (½)	280 24	
62	70.09	h.8	8.94	5.0	79 34	
83	19	7.8	8.91	4.9	280 28	
94	70.27	7.3	31 11.90 (½)	14 54 39.4 (½)	82 35	
97	28	—	11.86 (½)	40.4 (2)	82 36	3 F.
100	30	6.8	11.93	40.1	277 28	
92	70.26	9.1	31 40.20	17 21 11.0	80 8	
100	30	9.2	40.20	10.7 (½)	279 54	
4	69.17	8-9	32 13.12 (½)	18 1 51.9 (½)	280 30	
62	70.09	h.8-9	12.79	52.3	79 28	
83	19	8.3	12.98	51.5	280 34	
199	71.26	9.2	32 13.16	19 16 6.9	281 48	
92	70.26	8.3	32 14.00	14 59 5.8	82 30	
99	30	8.3	14.01	6.4	277 32	
89	70.25	9.1	32 16.72	15 50 16.5	81 40	
99	30	9.2	16.66	16.0	278 22	
8	69.25	s.9-10	32 31.65 (0.1)	18 8 47.6 (½)	280 38	1 F., k. sichtb.
9	25	s.9	31.74 (½)	48.0 (½)	280 36	
62	70.09	9 .. s.9	31.55	47.0	79 20	
83	19	9.0	31.59	46.7	280 42	
199	71.26	9.4	33 14.53	16 35 59.0	279 8	
91	70.26	9.0	33 30.62 (½)	17 32 —	80 —	
92	26	8.9	30.54	10.2	79 58	
98	30	8.8	30.56	10.5	280 4	

[2] beide nahe gleich, etwa 1s 70°
[3] ganz schwache Beleuchtung, deshalb wohl überschätzt

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9h			
199	71.26	9.7	33m 48s.46	16° 35′ 32″.6	279° 8′	
9	69.25	9-10	33 48.63 (½)	18 57 30.3 (½)	281 26	
62	70.09	9-10	48.71::(½)	28.7::(½)	78 32	
83	19	9.1	48.57	30.9	281 30	
94	27	9.2	48.50	29.4	78 32	
95	70.27	9.4	34 9.49	14 47 40.2	82 42	Bem.[1]
99	30	9.4	9.50	—	277 20	Bem.[2]
195	71.21	9.4	9.56	43.7 (½)	277 20	Bel. e. z. hell
12	69.26	h.8-9	34 10.12	18 30 13.9	280 58	
96	70.27	8.8	9.99	13.4	79 0	
98	30	8.5	10.02	13.4	281 2	
199	71.26	9.5	34 21.08	15 52 31.2	278 24	
96	70.27	8.5:	34 35.30	18 27 14.2	79 4	
102	31	9	35.36	13.3	281 0	Z.197: 8m.6
62	70.09	9	34 37.80	19 31 0.6	77 58	
83	19	9.1	37.71	2.1	282 4	
96	70.27	9.2	34 42.14	15 40 21.8	81 50	
198	71.22	9.1	42.11 (½)	21.7 (½)	278 12	
96	70.27	9.2	34 42.75	18 25 32.0	79 4	
197	71.22	9.3	42.76	33.7	280 58	
97	70.28	9.3	34 50.67	15 49 13.2	81 40	
193	71.21	9.5	50.82:(½)	13.7:(½)	278 22	2 F.
195	21	9.3	50.73	13.9	278 22	
97	70.28	8.6	34 54 39	16 19 21.7 (½)	81 10	
100	30	8.0	54.35	23.0	278 52	
9	69.25	s.9-10	35 15.20 (½)	19 25 55.8 (½)	281 54	
62	70.09	9-10	15.30:(½)	55.9:(½)	78 4	
83	19	9.3	15.27	54.7	281 58	
95	27	9.2	15.29	56.2	78 4	
96	70.27	9.3	35 23.37	16 51 44.7	80 38	
99	30	9.4	23.35	45.1	279 24	
92	70.26	8.4	35 24.66	17 39 0.6	79 52	
102	31	8.5	24.72	38 59.5 (½)	280 12	
12	69.26	9	35 25.36(0.4)	19 20 33.5 (½)	281 48	
62	70.09	s.9	25.19:(½)	31.3	78 8	
83	19	9.2	25.17	30.2	281 52	
95	27	9.1	25.25	32.6	78 10	
89	70.25	8.9	35 28.17	15 19 57.9	82 10	
98	30	8.5	28.19	58.0	277 52	
16	69.29	h.9	35 31.08 (½)	18 47 31.0 (½)	281 16	
94	70.27	9.1	31.09	30.4	78 42	
101	30	9.2	31.04	30.1	281 20	
199	71.26	9.4	35 45.46	17 56 24.6	280 30	18°2253 9m.1
9	69.25	8-9	36 16.15(0.4)	18 20 12.9 (½)	280 48	
94	70.27	8.7	16.39	13.6	79 10	
98	30	8.5	16.37	14.0	280 52	
92	70.26	9.3	36 22.56	16 19 15.7	81 10	
193	71.21	9.8	22.52	15.6 (½)	278 52	
195	21	9.3	22.49 (½)	15.6 (½)	278 52	
199	71.26	9.3	36 42.00	18 28 59.8	281 2	
89	70.25	9.1	36 58.49	15 6 24.5	82 24	
99	30	8.4	58.43	24.3	277 38	
199	71.26	9.4	36 59.72	19 34 9.7	282 6	
12	69.26	s.8 .. h.8-9	37 6.08	18 14 42.5	280 42	
91	70.26	8.6	5.91	43.9	79 16	
98	30	8.3	6.03	43.6	280 48	
9	69.25	h.9-10	37 16.97(0.4)	19 25 39.7 (½)	281 54	
62	70.09	h.9-10	17.01	38.6	78 4	
83	19	9.1	17.04	38.6	281 58	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9h			
16	69.29	h.7	37m 32s.97 (½)	19° 26′ 15″.4 (½)	281° 54′	
62	70.09	(6:)*	32.78	14.4	78 4	* äuss. unr
83	19	6.8	32.79	15.1	281 58	
92	70.26	8.8	37 38.15	19 34 32.2	77 56	
100	30	8.8	38.17	32.4	282 6	
89	70.25	9.0	37 41.73	16 59 10.4	80 32	
99	30	8.5	41.75	9.4	279 32	
94	70.27	8.7	38 46.45	15 27 42.6	82 2	
100	30	8.9	46.45	45.0	278 0	
12	69.26	7	38 55.28 (½)	19 15 30.0 (½)	281 44	
62	70.09	7	55.15	31.4	78 14	
83	19	6.9	55.11	29.4 (½)	281 48	
96	70.27	9.3	38 56.66	17 3 46.7	80 26	
101	30	9.1	56.72	47.5	279 36	
16	69.29	8	39 6.17 (½)	18 27 53.0 (½)	*280 56	
95	70.27	8.2	6.28	52.5 (½)	79 2	
102	31	8.2	6.31	53.1	281 0	
92	70.26	9.1	39 18.07	16 48 41.7	80 42	
101	30	9.2	18.05	43.1	279 22	
62	70.09	9-10	39 35.06:(0.4)	19 16 23.6:(½)	78 12	
83	19	9.1	35.25	23.2	281 48	
91	26	9.3	35.18	23.5	78 14	
89	70.25	9.3	39 40.93	16 8 8.0	81 22	
100	30	9.2	40.95	9.2	278 40	
12	69.26	8:	39 52.47(0.3)	18 41 37.4 (½)	281 10	
62	70.09	8-9	52.61	37.6	78 48	
83	19	8.2	52.44	35.1	281 14	
89	70.25	9.0	40 18.09	16 6 19.2	81 24	
99	30	8.4	18.02	18.5	278 38	
92	70.26	9.3	40 36.81	17 9 31.4	80 20	9m.5 2′v. 2′S
100	30	9.4	36.85	31.5	279 42	
94	70.27	9.1	40 47.97	14 53 33.7	82 36	
99	30	9.2	47.91	35.1	277 26	
12	69.26	9	41 22.10 (½)	17 28 41.0	279 56	
94	70.27	9.2	22.08	40.6	80 2	
100	30	8.8	22.13	39.8	280 2	
16	69.29	8-9	41 31.10 (½)	19 23 5.5 (½)	*281 52	
62	70.09	h.9	30.95	4.9	78 6	
83	19	8.5	31.11	5.6	281 56	
62	70.09	9	41 37.27	19 53 43.6	77 36	
83	19	9.0	37.14	42.6 (½)	282 26	
92	70.26	9.0	41 56.85	16 41 39.7	80 48	
99	30	9.3	56.84	38.2	279 14	
94	70.27	8.6	42 5.07	16 8 45.8	81 22	
99	30	8.7	5.03	46.2	278 42	
91	70.26	8.2	42 11.04	18 38 15.7	78 52	
101	30	7.8	11.03	16.2 (½)	281 10	
89	70.25	8.3	42 18.10	15 11 10.1	82 20	
101	30	[8 ±]	18.12	9.3	277 44	
91	70.26	8.6	42 20.74	19 14 35.2	78 16	
98	30	8.3:	20.77 (½)	35.3	281 46	3 F.
95	70.27	8.4	42 23.49	15 32 15.6 (½)	81 58	15°2113 9m
102	31	8.5	23.48	16.3	278 4	
12	69.26	h.8-9	42 29.95 (½)	19 6 26.2 (½)	281 34	
62	70.09	8-9 .. h.8-9	29.98	24.7	78 24	
83	19	8.8	29.99	24.8 (½)	281 38	
9	69.25	h.8	42 35.86 (½)	19 13 58.2 (½)	281 42	
91	70.26	8.6	35.85 (½)	57.0 (½)	78 16	
98	30	8.2:	35.88	56.7	281 46	

[1] Der starke Unterschied der beiden δ scheint dieser Beobachtung zur Last zu fallen [2] noch zu helle Dämmerung

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9^h			
9	70.25	9.2	$42^m41^s.24$	15° 6′ 20″.5	82° 24′	
3	71.21	9.5	41.28 (½)	20.2 (½)	277 40	
5	21	9.3	41.25 (½)	20.2 (½)	277 38	
5	70.27	9 spl.	42 49.58 (½)	16 57 8.9 (½)	80 32	unsicher
6	27	9.2 spl.	49.56	9.8 (½)	80 33	
3	31	9	49.60 (½)	9.3 (½)	279 30	
3	71.21	9.0	49.62	10.2	279 30	
6	70.27	8.0	43 0.28	17 25 15.7	80 4	
0	30	7.7	0.24	15.1	279 58	
9	70.25	9.0	43 2.82	15 28 44.2	82 2	
2	31	8.8	2.88	43.0	278 2	
92	70.26	9.1	43 5.25	16 54 50.1	80 34	
95	71.21	{ 9.3	5.28	37.5	279 26	} D. 20″ 185°±
		{ 9.2	5.35	51.3	279 26	
97	22	{ 10.0	5.28 (½)	37.7	279 28	2 F. } Dpl. 20″ 180°±
		{ 9.2	5.45 (½)	49.4 (½)	279 28	
00	27	{ 9.5	5.29	38.5	80 36	} Dpl. 15″ 180°
		{ 9.4	5.29	50.6	80 36	
95	70.27	8.5	43 6.43	17 8 26.0 (½)	80 22	
01	30	8.5 spl.	6.40	26.0	279 40	
89	70.25	8.7	43 7.65	15 8 41.5	82 22	
98	30	8.3	7.63	41.3	277 40	
92	70.26	9.2	43 40.20	16 53 44.8	80 36	
99	30	9.0	40.21	44.9	279 26	
9	69.25	h. 8-9	43 48.73 (½)	18 19 3.2 (½)	280 48	
94	70.27	8.7	48.67	2.9	79 10	
00	30	9.0 sic	48.60	3.4	280 52	
12	69.26	8	43 56.35 (½)	19 54 22.4 (½)	282 22	
62	70.09	8-9	—	23.5	77 36	
83	19	8.5:	56.44	22.6 (½)	282 26	
91	26	8.5	56.35	23.5	77 36	
95	70.27	9.0	44 0.08	17 33 43.2	79 56	
01	30	9.0	0.04	43.6	280 6	
16	69.29	s. 9	44 1.12 (½)	19 53 40.9 (½)	282 22	
62	70.09	9-10	—	[37 ±]	77 36	
83	19	9.0	1.05	39.2	282 26	
91	26	9.2	0.94	41.2	77 36	
92	70.26	8.3	44 22.47	16 54 13.3	80 36	
98	30	8.1	22.51	13.9	279 26	
94	70.27	9.0	44 42.59	18 59 51.1	78 30	
102	31	8.9	42.56	50.6	281 32	
91	70.26	8.4	44 45.88	18 4 0.0	79 26	
102	31	8.1	45.89	3 58.8	280 36	
9	69.25	9	44 54.84	17 56 14.9	280 24	
91	70.26	9.1	54.82	14.8	79 34	
100	30	9.1	54.93	14.7	280 28	
16	69.29	s. 9	45 1.42 (0.3)	18 37 49.3 (½)	281 6	3 F.
96	70.27	9.3	1.33	48.0	78 52	$9^m.4$ 2″ v. 1′.5 N.
103	31	—	1.45 (½)	[44 ±]	281 10	2 F.
193	71.21	9.3	1.39	48.6	281 10	
195	21	9.2	1.48	49.7	281 10	$9^m.3$ 2″ v. 1′.5 N.
12	69.26	9	45 2.57 (½)	19 54 22.4 (½)	282 22	
95	70.27	9.1	2.70	23.8	77 36	
193	71.21	9.2	2.69	22.0	282 26	
195	21	9.3	2.61	21.8	282 28	
92	70.26	8.7	45 17.21	17 2 52.9	80 28	Bem. [1]
99	30	8.7	17.31	52.8	279 34	Bem. [2]
89	70.25	9.0	45 23.48	15 4 6.8	82 26	
98	30	9.0	23.52	7.3	277 36	
96	70.27	9.1	45 31.46	18 31 11.8	78 58	
101	30	9.0	31.41	11.9	281 4	

[1] ? Com. $9^m.4$ (3″ 215°)±± [2] Com. $9^m.3$ 2″ 220°

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9^h			
92	70.26	9.1	$45^m35^s.60$	17° 0′ 54″.3	80° 30′	
99	30	8.9	35.64	55.2	279 34	
12	69.26	s. 9	45 43.31 (0.4)	19 53 58.3 (½)	282 22	
96	70.27	9.2	43.29	58.9	77 36	
103	31	9.2	43.37	58.7	282 26	
89	70.25	9.3	46 7.21	16 8 47.2	81 22	
98	30	9.3	7.21	46.7	278 42	
9	69.25	9	46 30.03 (½)	17 59 34.7 (½)	280 28	
91	70.26	9.1	30.12	34.3	79 30	
100	30	9.1	30.13	34.2	280 32	
16	69.29	s. 9	46 33.73 (½)	18 14 37.7 (½)	*280 44	
95	70.27	9.2	33.60	38.5	79 16	
102	31	9.1	33.71	38.3	280 48	
92	70.26	8.8	46 39.07	17 32 22.2	79 58	
101	30	8.4	39.02	21.0	280 4	
89	70.25	8.9	46 42.79	15 18 15.9	82 12	
98	30	8.7	42.75 (½)	15.5	277 50	
94	70.27	9.1	46 43.59 (½)	16 24 16.6 (½)	81 6	
99	30	9.2	43.62	17.2	278 56	
12	69.26	s. 8	46 48.29 (0.4)	19 31 57.8 (½)	282 0	
62	70.09	s. 8	—	55.7	77 58	
83	19	8.3	48.31	54.6	282 4	
91	26	8.2	48.29	54.3	77 58	
R. 4	69.32	—	47 0.29 (0.3)	15 19 29.2 (½)	277 48	3 F.
89	70.25	7.9	0.28	30.8 (½)	82 10	
98	30	7.5	0.27	30.6	277 52	
92	70.26	9.2	47 5.25	16 57 56.9	80 32	
99	30	9.1	5.33	58.3	279 30	
200	71.27	9.2	47 6.78	16 2 49.5 (½)	81 28	
83	70.19	8.8	47 23.64	18 47 27.0	281 20	
91	26	9.0	23.66	26.8 (½)	78 42	
92	70.26	9.0*	47 24.56	17 45 23.9	79 44	* nicht heller
100	30	8.7	24.63	22.9	280 18	
95	70.27	8.5	47 37.91	16 37 28.7	80 52	
99	30	8.7	37.81	28.8	279 10	
96	70.27	9.1	47 52.61 (½)	19 25 33.1 (½)	78 4	
101	30	9.0	52.65 (½)	32.3 (½)	281 58	
89	70.25	9.0	47 55.29	16 47 22.8	80 42	
99	30	8.9	55.26	22.4	279 20	
12	69.26	s. 9	48 2.44 (½)	17 25 7.0 (½)	*279 54	
92	70.26	9.2	2.45	5.6	80 4	
100	30	9.2	2.51 (½)	5.3 (½)	279 58	
89	70.25	9.0	48 7.64	16 8 8.0	81 22	
98	30	9.2	7.67	8.0 (½)	278 40	
200	71.27	10.0	48 37.01	18 4 27.5 (½)	79 26	zl. gut
62	70.09	h. 8-9	48 —	19 24 48.8	78 4	
83	19	8.2	39.42	47.6 (½)	281 58	
91	26	8.1	39.39	48.9	78 6	
16	69.29	s. 8-9	48 47.56 (½)	18 42 32.1 (½)	281 10	
95	70.27	9.1	47.53	31.6	78 48	
100	30	9.0	47.45	31.5	281 14	
9	69.25	s. 7-8	49 3.71 (½)	18 8 2.2 (½)	*280 36	
91	70.26	8.5	3.70	1.4	79 22	
99	30	8.1	3.62	2.5	280 40	
95	70.27	8.8	49 41.01	15 20 7.1	82 10	
98	30	8.7	41.02	8.1	277 52	
R. 3	69.32	—	49 49.67 (0.4)	15 19 16.7 (½)	277 48	
95	70.27	7.8	49.77	15.6	82 10	
98	30	7.3	49.74	15.7 (½)	277 52	
200	71.27	9.2	50 0.18 (½)	15 22 50.9 (½)	82 8	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9h			
12	69.26	9	50m 9s.01 (½)	17° 38′ 59″.7 (½)	280° 8′	
92	70.26	9.1	8.95	59.5	79 50	
99	30	9.0	8.93	59.7	280 12	
4	69.17	—	50 28.23 (0.4)	19 52 56.9 (½)	282 22	
62	70.09	s. 8	—	58.7	77 36	
83	19	8.2	28.15	58.7	282 26	
91	26	8.4	28.10	58.7	77 36	
16	69.29	7-8	50 —	17 3 10.4 (½)	279 32	
R. 4	32	—	43.44 (0.4)	11.4 (½)	279 32	
R. 5	32	—	43.55 (0.4)	10.9 (½)	279 32	
92	70.26	7.6	43.53 (½)	11.3 (½)	80 26	
98	30	7.2	43.66	10.4	279 36	
8	69.25	h. 9	50 52.49 (½)	18 56 59.9 (½)	281 26	
62	70.09	s. 9	—	59.0	78 32	
83	19	8.7	52.44	57 0.1	281 30	
91	26	9.0	52.53	56 59.8	78 32	
92	70.26	9.1	50 53.19	17 3 16.1	80 26	
98	30	9.2	53.23 (½)	15.6	279 36	3 F.
95	70.27	8.9	50 57.41	15 38 48.4	81 52	
98	30	8.8	57.38	48.6	278 12	
99	30	9.0	57.31	48.7	278 12	
92	70.26	9.3	51 9.69	17 4 32.6	80 26	
100	30	9.3	9.86 (½)	32.4 (½)	279 36	
9	69.25	h. 10	51 19.72 (0.3)	18 53 7.7 (½)	281 22	dkl. F., s. uns.
62	70.09	9-10	—	7.4:: (½)	78 36	
83	19	9.2	19.73 (½)	7.7	281 26	
91	26	9.1	19.72	9.0	78 36	
12	69.26	7-8	51 23.81 (½)	15 48 58.4 (½)	*278 18	
95	70.27	7.7	23.94	58.9	81 42	
98	30	7.7	23.86	59.6	278 22	
200	71.27	10.0	52 30.13	15 21 17.4	82 10	
9	69.25	9-10	52 30.88 (0.4)	18 42 14.2 (½)	281 10	dkl. F., s. uns.
92	70.26	9.1	31.01	14.1	78 48	
100	30	9.3	31.00	15.5 (½)	281 14	
200	71.27	9.4	52 54.45	15 36 48.1	81 54	
16	69.29	9 ·· s.9	53 2.84 (½)	17 18 50.4 (½)	279 48	
92	70.26	9.0	2.73	52.1	80 12	
99	30	9.1	2.76	51.5	279 52	
96	70.27	8.9	53 6.26 (½)	16 46 3.7 (½)	80 44	
99	30	8.2	6.20	3.8	279 18	
95	70.27	9.0	53 6.81	15 28 30.5	82 2	
98	30	8.9	6.81	31.0	278 0	
95	70.27	9.2	53 13.71	14 51 38.9	82 38	
98	30	8.9	13.74	39.6	277 24	
101	70.30	9.0	53 23.43	18 3 28.0	280 36	
200	71.27	9.1	23.40	28.2	79 28	
R. 3	69.32	—	53 42.94 (0.3)	16 27 52.4 (½)	278 56	
89	70.25	7.9	42.82	50.9	81 2	
99	30	7.4	42.87	50.2	279 0	
9	69.25	h. 8	53 50.76 (½)	18 9 50.8 (½)	280 38	
92	70.26	8.1	50.86	50.9 (½)	79 20	
101	30	8.0	50.76	50.5	280 42	
96	70.27	9.2	53 54.40	18 27 43.7	79 2	
102	31	9.3	54.30	43.9	281 0	
200	71.27	9.3	54.23	41.5	79 2	
96	70.27	9.2	54 —	19 57 7.8: (½)	77 32	
102	31	9.2	31.26	7.5	282 30	
200	71.27	9.2	31.28	8.2	77 34	
95	70.27	7.9	54 32.34	16 16 13.7	81 14	
99	30	7.7	32.34	13.9	278 48	
16	69.29	s. 9	54 32.60 (½)	18 12 21.7 (½)	**280 40	
92	70.26	9.3	32.51	23.7	79 18	
100	30	9.2	32.44	22.7	280 44	
			9h			
62	70.09	9	54m —	19° 49′ 34″.6	77° 40′	
83	19	9.1	46s.35	36.5 (½)	282 22	
91	26	9.1	46.29	35.1	77 40	
9	69.25	s. 9	54 53.12 (0.3)	18 21 0.0 (½)	280 50	
91	70.26	9.1	53.27	0.2 (½)	79 9	
100	30	9.1*	53.26	20 58.8	280 54	* [illegible]
93	70.26	9.2	55 14.73	16 32 53.8	80 58	
99	30	9.2	14.87	52.7	279 6	
93	70.26	8.5	55 15.21	15 57 48.4	81 32	
98	30	8.3	15.12	48.8 (½)	278 30	
89	70.25	9.2	55 26.68	14 53 13.3	82 38	
98	30	9.3	26.67	11.6	277 26	
92	70.26	9.2	55 29.40	17 2 14.4	80 28	
101	30	9.4	29.29	13.1	279 34	
62	70.09	8-9	55 —	19 44 35.8	77 44	
83	19	8.6	30.43	37.5	282 18	
91	26	8.3	30.41	38.1	77 46	
200	71.27	9.3	55 41.52	15 13 36.0	82 18	
89	70.25	8.0	55 41.83	15 9 59.6	82 20	
100	30	8.0	41.84	57.5	277 42	Z [illegible]
93	70.26	9.0	55 42.57	16 39 11.8	80 50	
99	30	8.9	42.61	11.7	279 12	
89	70.25	8.6	55 49.92	14 56 32.1	82 34	
98	30	8.2	49.91 (½)	31.2	277 28	
95	70.27	9.2	55 50.49	16 7 56.0	81 22	
101	30	9.1	50.43	54.6 (½)	278 40	
96	70.27	9.1	55 57.34	15 24 49.2	82 4	
98	30	9.0	57.29	49.0	277 58	
95	70.27	8.8	56 8.41	14 43 58.7	82 46	
100	30	8.5	8.36	59.2 (½)	277 16	
92	70.26	9.2	56 23.32	16 53 37.6	80 36	
99	30	9.2	23.31	37.4	279 26	
9	69.25	8	56 52.73 (½)	18 49 29.1 (½)	*281 18	
91	70.26	8.5	52.69	29.1	78 40	
100	30	7.9	52.63	30.0	281 22	
12	69.26	[illegible] h.8	57 1.45 (½)	19 33 23.8 (½)	282 2	
62	70.09	s. 8	—	22.1	77 56	
83	19	7.9	1.39 (½)	21.9 (½)	282 6	
91	26	8.3	1.45 (½)	22.6 (½)	77 56	
200	71.27	8.0	1.36	23.1	77 58	
95	70.27	9.1	57 3.60 (½)	16 49 11.0 (½)	80 40	
98	30	9.2	3.53	11.2	279 22	
R. 2	69.31	—	58 16.68 (0.3)	15 44 27.0 (½)	278 12	3 F.
89	70.25	8.4	16.61	29.7	81 46	
99	30	8.0	16.63	28.1	278 16	
4	69.17	s. 9	58 17.15 (½)	18 10 28.6 (½)	280 38	
62	70.09	9 ·· h.9	—	28.3	79 18	
83	19	9.1	17.06	28.3	280 44	
91	26	9.2	—	29.1	79 20	
200	71.27	9.2	17.17	27.9	79 20	
93	70.26	8.0	58 18.05	20 2 39.7	77 26	
102	31	8.0	18.09 (½)	40.0 (½)	282 30	
12	69.26	h. 9	58 28.80 (½)	17 4 20.4 (½)	279 32	
92	70.26	8.9	28.82	20.6	80 26	
100	30	8.5	28.79	20.6	279 36	
R. 3	69.32	—	58 53.73 (0.3)	16 21 54.6 (½)	278 50	3 F.
89	70.25	6.8	53.88 (½)	52.9 (½)	81 8	
99	30	6.8	53.89 (½)	53.1 (½)	278 54	
9	69.25	h. 9-10	59 7.49 (½)	18 42 30.4 (½)	281 10	
62	70.09	9	—	28.9	78 46	
83	19	9.0	7.30	28.2	281 16	
91	26	9.1	—	29.9	78 48	
200	71.27	9.3	7.37	30.0	78 48	Be[illegible]

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			9h			
93	70.26	9.0	59m 9s.10	20° 3′ 39″.0	77° 26′	
02	31	9.2	9.23	38.8	282 36	
16	69.29	8-9 .. s.8-9	59 17.01 (½)	19 4 29.5 (½)	281 32	
92	70.26	9.0*	—	29.9	78 26	* nicht heller
00	30	9.0	17.08	30.9	281 30	
00	71.27	8.8	17.05	29.8	78 26	
91	70.26	9.2	59 46.95 (½)	19 14 32.0	78 16	1 F.
00	30	9.3	46.88	32.8	281 46	
00	71.27	9.4	46.93	31.0	78 16	
.4	69.32	—	59 50.62 (½)	18 30 11.5 (½)	280 58	
92	70.26	8.0	—	14.0	79 0	
01	30	8.0	50.60	13.7	281 2	
00	71.27	8.4	50.43	12.3	79 0	
			10h			
95	70.27	9.1	0 5.80	18 52 46.9	78 38	
98	30	9.1	5.74	48.3	281 26	
89	70.25	8.9	0 17.38	14 46 0.7	82 44	
99	30	8.9	17.36	45 59.5	277 18	
91	70.26	8.9	0 21.75	19 13 23.6	78 16	
00	30	8.3	21.67	23.4	281 46	
96	70.27	9.1	0 48.39	18 21 1.4	79 10	
01	30	8.8	48.39	1.7	280 54	
.5	69.32	—	0 53.38 (0.4)	15 46 12.5 (½)	278 14	
95	70.27	7.6	53.28	12.3	81 44	
98	30	7.5	53.35	11.7	278 18	
89	70.25	8.5	0 54.34	16 53 11.8	80 36	
99	30	8.7	54.33	11.6	279 26	
91	70.26	8.3	0 58.58	19 7 23.5	78 22	
102	31	8.0	58.57	22.0	281 40	
89	70.25	8.5	1 22.60 (½)	19 22 33.1	78 8	
100	30	8.4	22.65	32.5	281 56	
.5	69.32	—	2 16.63 (0.3)	19 8 39.4 (½)	281 36	3 F.
62	70.09	h.7-8	—	37.9 (½)	78 21	
83	19	7.5	16.53 (½)	38.1 (½)	281 40	
91	26	7.6	16.55 (½)	40.1	78 22	
200	71.27	9.4	2 36.70	16 44 37.3	80 46	
201	27	9.4	36.78	38.5	80 46	
203	30	9.3	36.87	38.4	279 18	
89	70.25	9.1	2 39.42	15 50 43.7	81 40	
98	30	9.0	39.39	43.9	278 24	
93	70.26	8.5	2 48.62	15 57 51.7	81 32	
98	30	8.2	48.55	51.1	278 30	
92	70.26	8.6	2 56.19	16 32 48.0	80 56	
99	30	8.7	56.14	49.0	279 6	
93	70.26	9.1	3 0.88	18 25 43.3	79 4	
100	30	9.0	0.87	43.2	280 58	
12	69.26	9	3 4.65 (½)	17 23 39.1 (½)	279 52	
89	70.25	9.0	4.65	39.0	80 6	
101	30	8.9	4.50	38.6	279 56	
91	70.26	9.2	3 14.80	19 5 43.2	78 24	
101	30	9.2	14.77	45.4	281 38	
95	70.27	8.5	3 17.21	18 48 33.1	78 42	
101	30	8.0	17.11	32.9	281 20	
92	70.26	8.3	3 19.30	17 7 52.4	80 22	
99	30	8.4	19.27	51.4	279 40	
16	69.29	8-9	3 40.80 (½)	19 31 10.4 (½)	282 0	
91	70.26	9.0	40.90	11.6	77 58	
100	30	8.9	40.93	11.8	282 4	

* Nr. 4041: η Leonis, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10h			
89	70.25	8.3	3m 54s.51	16° 39′ 17″.6 (½)	80° 50′	
98	30	8.3	54.53 (½)	17.0 (½)	279 12	
R. 5	69.32	—	3 57.22 (0.4)	16 19 13.8 (½)	*278 48	
95	70.27	8.3	57.15 (2)	12.4 (2)	81 10	
99	30	8.0	57.11	12.3	278 52	
9	69.25	s.9-10	4 9.32 (½)	19 10 49.7: (½)	281 38	
93	70.26	9.2	9.27	50.4	78 20	
101	30	9.3	9.24	49.0	281 44	
89	70.25	8.6	4 11.74	15 5 50.6	82 24	
98	30	8.4	11.73	50.7	277 38	
R. 1	69.31	—	4 22.69 (0.3)	16 8 8.2 (½)	278 36	3 F.
93	70.26	9.0	22.68	8.2	81 22	
99	30	9.1	22.78	8.1 (½)	278 40	
12	69.26	8-9	4 46.95 (½)	18 55 56.7 (½)	281 24	
91	70.26	8.8	46.87	58.5	78 34	
100	30	8.2	46.96	57.3	281 28	
92	70.26	8.7	4 59.19	17 53 27.4	79 36	
100	30	8.3	59.14	28.1	280 26	
16	69.29	h.8-9	5 6.51 (0.4)	19 33 24.0 (½)	282 2	
91	70.26	8.5	6.53	23.1	77 56	
101	30	8.2	6.54	22.1	282 6	
200	71.27	9.3	5 9.90	19 6 43.6	78 24	
203	30	9.7 W.?	9.82	47.0	281 40	
R. 4	69.32	—	5 17.73 (0.1)	15 29 33.5 (½)	277 58	1 F.
89	70.25	9.0	17.85	34.4	82 0	
98	30	8.9	17.82	33.4	278 2	
93	70.26	9.1	5 31.22	16 57 52.5	80 32	
99	30	{ 9.0	31.29 (½)	52.0 (½)	279 30	} Dpl. 3″ 110°
		{ 9.4	31.33	52.2	279 32	
8	69.25	8	5 31.61 (½)	17 55 22.0 (½)	280 24	
92	70.26	8.3	31.76	23.6	79 34	
100	30	7.9	31.72	23.9	280 28	
200	71.27	9.3	5 32.42	19 17 16.4	78 14	
203	30	9.2	32.44	15.9	281 50	
200	71.27	9.9	5 38.76	18 1 50.3	79 28	
203	30	9.7	38.93	49.2	280 34	
93	70.26	9.0	5 41.33	16 29 11.9	81 0	
102	31	8.8	41.36	11.3	279 2	
9	69.25	9	5 43.05 (½)	19 30 55.1 (½)	281 58	
91	70.26	9.0	43.11	54.4	78 0	
101	30	8.8	43.10	54.6	282 4	
92	70.26	8.6	6 12.21	17 9 4.2	80 20	
102	31	7.9	12.18	5.0	279 42	
200	71.27	9.8	6 12.31	15 8 49.9	82 22	
201	27	9.4	12.41	49.5 (½)	82 22	
203	30	9.9	—	50.4	277 42	
12	69.26	9	6 18.89 (½)	18 47 22.1 (½)	281 16	
91	70.26	9.2	18.98	21.8	78 42	
102	31	9.0	18.97	21.9	281 20	
92	70.26	8.8	6 21.31	17 38 16.7	79 52	
102	30	8.6	21.36	16.4	280 10	
93	70.26	9.1	6 26.62	16 51 36.2	80 38	
99	30	8.9	26.75	36.0	279 24	
89	70.25	8.9	6 32.34	15 57 49.7	81 32	
98	30	9.0	32.29	49.4	278 30	
89	70.25	9.2	6 32.64	15 47 14.2	81 42	
98	30	9.3	32.53	14.3	278 20	
9	69.25	h.9	7 10.79 (½)	18 2 58.2 (½)	280 32	
91	70.26	9.0	11.03	57.5	79 26	
100	30	8.5	10.93	58.1	280 36	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10h			
R.3	69.32	—	7m 10.07	15° 52' 28.0	278 20	3 F
89	70.25	9.2	10.23	27.2	81 38	
98	30	9.1	10.32	27.7 (½)	278 20	
R.5	69.32	—	7 45.07 (½)	16 45 27.8 (½)	279 14	
R.6	33	—	45.00 (½)	28.3 (½)	279 14	
95	70.27	7.5	44.96	26.6 (½)	80 42	
99	30	7.2	44.92	27.9	279 18	
12	69.26	9	7 45.34 (½)	18 50 15.0 (½)	280 0	
95	70.27	9.1	45.37 (½)	15.8	79 [illegible]	
101	30	9.2	45.32	15.7	28[illegible] 1	
93	70.26	9.2	7 51.40	16 51 40.8	80 3[illegible]	
99	30	9.0:	51.38	41.1	279 24	
92	70.26	9.3	7 52.36	17 30 5.7	79 50	
92	70.26	9.1	7 56.22	17 30 25.2	79 54	
100	30	9.3	56.13	25.9	280 8	[illegible] 2188 [illegible]
16	69.29	9	8 7.58 (½)	18 15 27.2 (½)	280 44	
93	70.26	9.2	7.42 (½)	27.8 (½)	79 14	
102	31	8.8	7.43	27.1	280 18	
R.4	69.32	—	8 8.29	19 43 4.9 (½)	282 12	3 F
91	70.26	9.1	8.30	5.5	77 46	
101	30	9.0	8.24	6.3	282 16	
8	69.25	h.9 u. h.9	8 17.99 (½)	19 44 37.7 (½)	282 12	Bem.[1]
91	70.26	9 u. 9	18.08	36.7	77 46	Bem.[2]
101	30	8.9	17.92	38.7	282 18	Dpl. 3" 80°
		9.1	17.97	36.3	282 18	
89	70.25	8.3	8 24.83	17 28 50.4	80 2	
100	30	8.0	24.83	49.6	280 2	
9	69.25	9	8 45.35 (½)	19 51 33.0 (½)	*282 20	
91	70.26	9.3	45.30	33.4	77 38	
102	31	9.1	45.35	33.7	282 24	
R.3	69.32	—	9 14.84	16 1 7.0 (½)	278 30	3 F
92	70.26	8.5	14.76	4.9	81 28	
98	30	8.3	14.80	4.8	278 34	
R.5	69.32	—	9 27.47 (0.4)	15 21 41.2 (½)	280 50	
R.6	33	—	27.40 (0.4)	42.4 (½)	280 50	
91	70.20	7.1	27.40	41.8	79 8	
102	31	7.3	27.41	41.4	280 51	
93	70.26	9.1	9 51.05	16 39 11.0	80 50	
98	30	9.1	51.05 (½)	10.0 (½)	279 12	
200	71.27	9.6	10 25.95	17 5 12.1	80 26	etw. uns.
203	30	9.7	25.97	13.0	279 38	
93	70.26	9.2	10 29.95	16 8 30.8	81 22	
98	30	9.2	29.88	29.2	278 42	
201	71.27	9.8	10 40.25 (½)	15 38 15.2	81 52	1 F
R.3	69.31	—	11 12.41 (0.3)	17 48 37.0 (½)	280 18	
93	70.26	8.3	12.47	38.7	79 42	
99	30	8.3	12.47	37.5	280 22	
92	70.26	9.1	11 17.76	17 19 30.3	80 10	
100	30	9.1	17.77	29.8	279 52	
89	70.25	9.2	11 26.34	15 25 38.1	82 4	
98	30	9.2	26.38	40.3	277 58	
91	70.26	9.1	11 27.62	19 35 56.0	77 54	
101	30	8.5:	27.62	56.1	282 8	
102	31	9.0	27.58	55.8	282 8	
9	69.25	h.9-10	11 28.18 (½)	18 4 38.9 (½)	280 32	
91	70.26	9.2	28.09	40.6	79 26	
100	30	9.2	28.11	41.2	280 38	Bem.[3]
R.5	69.32	—	11 31.42 (0.4)	18 1 13.0 (½)	*280 30	
91	70.26	8.9	31.29	13.1	79 30	
100	30	8.3	31.36	12.3	280 34	

[1] Dpl. 3" 260° med. [2] Dpl. 2.5 c. 75° med. [3] schw. Com. 160° ??

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10h			
200	71.27	9.5	12m 2.34	18° 7' 18.5	79° 24'	
203	30	9.5	2.21	18.8	280 40	
[illegible]	71.30	10.0	12 3.11	18 47 58.8	281 20	
R.6	69.33	—	12 9.80	18 19 54.2 (½)	280 48	
91	70.26	7.5	9.83	53.9	79 10	
100	30	7.5	9.81	54.0	280 52	
200	71.27	[illegible]	12 15.07	18 46 37.8	78 44	
203	30	[illegible]	15.08	36.6	281 20	
R.4	69.32	—	12 33.27 (0.4)	15 17 41.1 (½)	*277 46	
89	70.25	8.4	33.26	41.2	82 12	
98	30	8.0	33.26	41.4 (½)	277 50	
93	70.26	8.5	12 42.62 (½)	17 34 48.0 (½)	79 55	
99	30	8.9	42.63	48.3	280 8	
200	71.27	9.5	12 53.73	18 20 52.6	79 10	
203	30	9.1	53.91	52.5	280 54	
R.3	69.32	—	12 54.80	16 22 15.0 (½)	278 50	2 F
92	70.26	8.9	54.88	14.6	81 8	
98	30	8.9	54.82	14.2	278 54	
89	70.25	8.8	12 58.36	15 18 10.8	82 12	
98	30	8.1	58.41	11.8	277 50	
89	70.25	9.2	13 8.40	15 32 50.5	81 58	
98	30	9.1	8.45	49.4	278 6	
89	70.25	9.1	13 9.91	14 48 46.2 (½)	82 42	9m.4 0'5 v. [illegible]
99	30	9.1	9.89	45.9	277 22	
9	69.25	8.9-10	13 31.94 (½)	18 30 43.4 (½)	280 58	F. dkl
91	70.26	9.4	31.95	39.9	79 0	Z 8 [illegible]
100	30	9.4	32.00	38.5	281 4	
92	70.26	8.7	13 37.15	16 47 27.5	80 42	
98	30	8.4	37.11	27.5	279 20	
16	69.29	h.9	13 38.31 (½)	17 50 23.6 (½)	(280) 18	
92	70.26	9.1	38.20	23.0	79 40	
99	30	9.2	38.08	24.1	280 22	
R.3	69.32	—	14 9.49	17 50 3.7 (½)	280 18	3 F.
92	70.26	9.1	9.30	2.2	79 40	
99	30	9.1	9.45	3.0	280 22	
9	69.25	h.9-10	14 34.55	19 19 40.1 (½)	281 48	3 F
91	70.26	9.2	34.61	41.1	78 10	
100	30	9.2	34.55	40.6	281 52	Bel. e. [illegible]
201	71.27	9.5	14 51.24	16 24 29.4	81 6	
R.5	69.32		15 6.93 (0.4)	15 36 17.2 (½)	278 4	
R.6	33	—	6.80 (0.4)	17.9 (½)	278 4	
89	70.25	7.8	6.63	17.4 (½)	81 54	
98	30	6.8	6.88	17.0 (½)	278 8	
R.1	69.31	—	15 25.06	17 5 58.7 (½)	279 34	3 F.
89	70.25	8.4	25.23	59.6	80 24	
99	30	8.7	25.16	59.4	279 38	
R.4	69.32	9.0	15 29.[illegible]	17 44 55.5 (½)	280 14	3 F
92	70.26	8.7	29.50	57.1	79 46	
99	30	8.8	29.41	57.0	280 18	
9	69.25	8.7-8	15 42.12	18 8 43.2 (½)	*280 38	
91	70.26	8.3	42.03	43.4	79 22	
100	30	7.6	41.97	43.2	280 42	
92	70.26	8.1	15 48.81	17 22 20.5	80 8	
100	30	8.4	48.92	18.9	279 54	
92	70.26	8.9	15 56.38	17 33 48.5 (½)	79 57	
99	30	9.0	56.42	48.9	280 6	
93	70.26	7.8	16 2.10 (2)	15 58 42.1 (2)	81 31[4]	
98	30	7.5	2.08	41.2 (½)	278 30	

[4] 2 Abl. von 81° 30', 1 von 81° 32'

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10h			
10	69.26	7-8	16m 10s.34 (½)	19° 45′ 39″.6	282° 14′	
91	70.26	7.7	10.16	39.8	77 44	
01	30	7.5	10.21 (2)	38.9 (2)	282 18	
91	70.26	9.2	16 25.13	18 22 6.9	79 8	
00	30	8.8	25.12	5.7	280 54	
89	70.25	9.1	16 33.16	14 52 37.1	82 38	
98	30	9.1	33.08	37.4 (½)	277 24	
.5	69.32	—	17 4.00 (0.4)	15 27 16.2 (½)	*277 56	
89	70.25	8.7	4.03	16.3	82 2	
98	30	8.6	4.08	16.4	278 0	
8	69.25	8-9	17 48.50 (½)	18 33 1.2 (½)	281 0	
91	70.26	8.5	48.59	1.2	78 56	
00	30	8.4	48.62	0.8	281 6	
..4	69.32	—	17 51.18 (0.4)	15 46 33.2 (½)	278 16	
89	70.25	9.1	51.17	33.7	81 44	
98	30	8.8	51.25	33.0	278 20	
9	69.25	8	18 24.01 (½)	18 9 42.7 (½)	280 38	
10	26	8	24.04 (½)	41.0 (½)	280 38	
91	70.26	8.2	23.95	41.2	79 20	
99	30	8.0	23.96	41.8 (½)	280 42	
16	69.29	9	18 36.28 (½)	17 19 19.6 (½)	279 48	
92	70.26	9.2	36.30	20.2	80 10	
99	30	9.1	36.34	20.8	279 52	
R. 1	69.31	—	18 37.52 (0.1)	17 33 13.7 (½)	280 2	1 F.
92	70.26	9.0	37.57	14.5 (½)	79 57	
100	30	8.9	37.64	12.4	280 6	
200	71.27	9.1	18 43.47	19 23 12.6	78 8	
203	30	8.9	43.49	12.5	281 56	
91	70.26	9	19 15.46	20 2 9.4	77 28	
102	31	8.5	15.56	10.4	282 34	
8	69.25	9-10	19 26.23 (0.3)	18 34 4.4 (½)	281 2	3 F.; k. zu beob.
91	70.26	9.2	26.03	4.1	78 56	
101	30	9.0	26.03	2.2	281 6	
R. 5	69.32	—	19 28.55 (0.4)	15 32 6.1 (½)	278 0	
89	70.25	8.3	—	5.4	81 58	
98	30	8.4	28.50	4.5	278 4	
201	71.27	8.3	28.49	4.2	81 58	
9	69.25	9	19 37.99 (½)	18 4 37.4 (½)	280 32	
93	70.26	8.9	37.89	36.7	79 26	
101	30	9.0	37.95	35.2	280 36	
92	70.26	8.5	19 38.33 (½)	17 51 33.4 (½)	79 39	
100	30	8.5	38.39 (½)	33.8 (½)	280 24	
93	70.26	8.6	19 50.55	14 53 7.1	82 36	
99	30	8.9	50.59	6.7 (½)	277 26	
93	70.26	9.2	19 56.00	16 54 36.0	80 36	
100	30	9.3	55.93	36.5	279 26	
200	71.27	9.2	20 4.59	19 38 58.5	77 52	
203	30	9.2	4.68	57.2	282 12	
200	71.27	9.5	20 6.23	19 38 51.5	77 52	
203	30	9.5	6.23	49.9	282 12	
16	69.29	7	20 7.60 (½)	17 51 25.5 (½)	280 20	
92	70.26	7.8	7.67	24.4	79 40	
100	30	7.8	7.70	25.3 (½)	280 24	eng. Dpl. 160°? (med.)
203	71.30	9.4	20 9.98	19 47 55.1	282 20	
91	70.26	6.9	20 12.49	20 0 0.2	77 30	
102	31	7.1	12.50 (½)	0.9 (½)	282 32	
10	69.26	{ 9 / h. 9	20 22.45 (0.3) / 22.92 (0.3)	} 18 42 7.1 (½)	281 10	D. 275° (δ md.)
93	70.26	{ 9.2 / 9.0	22.29 (½) / 22.81 (½)	8.8 / 7.8	78 48 / 78 48	} Dpl. 10″ 280°
101	30	{ 9.0 / 9.0	22.29 / 22.77 (½)	6.0 (½) / 6.6	281 14 / 281 14	} » 7 95

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10h			
R. 1	69.31	—	20m 35s.83 (0.2)	15° 29′ 21″.6 (½)	277° 58′	2 F.
89	70.25	9.3	36.05	22.0	82 0	
98	30	9.2	35.91	20.5	278 2	9m.4 20″ v.
R. 6	69.33	—	20 45.21 (0.4)	16 24 50.1 (½)	278 52	
92	70.26	7.9	45.19 (½)	50.0 (½)	81 5	
99	30	8.0	45.23	49.9	278 58	
200	71.27	9.2	20 58.86	16 59 14.3	80 32	
203	30	9.1	58.89	13.6	279 32	
R. 5	69.32	—	21 9.82 (0.3)	14 54 25.5 (½)	277 22	3 F.
89	70.25	9.1	9.79	26.3 (½)	82 36	
99	30	9.2	9.85	26.6 (½)	277 28	
9	69.25	8	21 11.32 (½)	19 13 44.0 (½)	281 42	
91	70.26	8.4	11.36	44.9	78 16	
101	30	8.3 sic	11.38	44.0	281 46	
200	71.27	9.5	21 22.23	17 5 38.6	80 26	
203	30	9.3	22.08	36.4	279 38	
10	69.26	h. 8	21 30.70 (0.4)	19 33 0.9 (½)	*282 2	
91	70.26	8.5	30.70	0.3	77 56	
101	30	8.2	30.69	32 59.6	282 6	
200	71.27	9.5	21 33.43	17 5 27.7	80 26	
203	30	9.3	33.43	27.9	279 38	
89	70.25	8.0	21 43.34	15 23 29.0 (½)	82 6	
98	30	7.6	43.39	28.8	277 56	
R. 6	69.33	—	21 44.07 (0.4)	16 23 36.1 (½)	278 52	
92	70.26	7.7	44.07	35.1 (½)	81 7	
99	30	7.5	44.06	34.1 (½)	278 56	
R. 4	69.32	—	21 58.60 (½)	17 46 13.3 (½)	280 14	
92	70.26	7.2	58.49	15.1	79 44	
100	30	7.3	58.54	15.4	280 18	
R. 1	69.31	—	22 7.58 (0.3)	14 58 54.2 (½)	277 28	3 F.
89	70.25	7.3	7.61	54.3	82 30	
98	30	7.1	7.58	54.8	277 32	
16	69.29	8	22 10.25 (½)	18 43 28.0 (½)	(281) 12	
93	70.26	8.2	10.16	30.0	78 46	
100	30	7.8	10.19	29.1	281 16	
9	69.25	9	22 19.49 (½)	19 34 35.1 (½)	*281 2	
91	70.26	9.2	19.59	36.6	77 56	
100	30	9.0	19.60	35.4	282 6	
R. 5	69.32	—	22 59.68 (0.3)	17 37 6.6 (½)	280 6	3 F.
92	70.26	8.5	59.60	7.1	79 52	
99	30	8.3	59.64	7.5	280 10	
R. 3	69.32	—	23 5.25 (0.3)	15 19 9.6 (½)	277 48	3 F.
89	70.25	9.0	5.27	10.3	82 10	
98	30	9.0	5.20 (½)	9.9 (½)	277 53	
93	70.26	8.7	23 6.90	14 47 2.7	82 44	
98	30	8.7	6.95	1.3 (½)	277 20	
92	70.26	10	23 8.12	14 56 30.4	82 34	15°2210 9m
200	71.27	9.2	23 9.91 (½)	15 48 50.7	81 42	3 F.
203	30	9.2	9.80	49.0	278 22	
200	71.27	9.6	23 48.75	15 49 38.5	81 40	
203	30	9.4	48.92	38.8	278 22	
93	70.26	9.3	23 56.34	14 48 7.9	82 42	
8	69.25	9	23 59.30 (½)	19 17 31.5 (½)	281 46	
91	70.26	9.2	59.35	32.5	78 12	
99	30	9.1	59.20 (½)	33.3 (½)	281 50	
200	71.27	9.6	24 37.07	16 26 4.0	81 4	
203	30	—	36.98	7.6	278 58	
201	71.27	9.6	24 53.92 (½)	15 19 28.0 (½)	82 10	
203	30	9.3	53.98	28.3	277 52	Fäd. st. schl.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10h			
89	70.25	9.3	24m 54s.52	18° 47' [illegible]	[illegible]	
98	30	9.3	54.49	[illegible]	278 22	
99	30	9.4	54.47	[illegible]	278 22	
200	71.27	9.2	54.58	[illegible]	81 4[illegible]	3 F.
89	70.25	9.3	24 54.94	18 47 20.3	81 42	Z. 8 [illegible]
99	30	9.5	54.81	19.3	278 2[illegible]	
200	71.27	9.2	54.89	19.1	81 42	
9	69.25	h.9-10	24 57.83	18 21 [illegible]	280 [illegible]	
91	70.26	9.2	57.95	[illegible]	7[illegible] 8	
100	30	9.2	57.89	4.4	280 51	
10	69.26	7.8	25 11.8[illegible]	18 37 54.0	281 6	
91	70.26	8.2	10.84	54.9	7[illegible] 5[illegible]	
100	30	8.2	11.74	54.6	281 11	
92	70.26	9.2	25 25.02	14 56 22.5	82 51	
R.6	69.33		25 31.2[illegible]	14 46 41.4	277 [illegible]	
93	70.26	5.8	31.54	41.0	82 44	
101	30	5.3	31.58	41.2	277 20	
R.1	69.31	—	25 33.77	15 28 1.[illegible]	277 [illegible]	1 F.
89	70.25	9.3	34.06	11.2	82 2	
101	30	9.3	33.82	15.4	278 0	
R.4	69.32	—	26 7.96	15 15 48.4	277 41	
93	70.26	9.0	7.96	47.5	82 24	
102	31	8.0	7.92	31.9	277 48	
9	69.25	[illegible]	26 41.38	18 13 2.3	280 42	
91	70.26	9.1	41.47	3.4	79 10	
100	30	9.2	41.40	3.8	280 40	
10	69.26	8.9	26 46.43	18 20 12.4	280 48	
92	70.26	8.5	46.50	12.2	79 10	
100	30	9.0	46.45	13.4	280 52	3 F.
R.5	69.32	—	26 48.85	15 32 22.7	278 2	
89	70.25	8.8	48.84	23.9	81 58	
101	30	8.9	48.88	22.2	278 4	
R.4	69.32	—	26 51.37	15 51 27.0	278 20	
89	70.25	9.1	51.49	25.7	81 38	
98	30	8.9	51.43	26.4	278 24	spl. [illegible] dkl. F
R.1	69.31		28 24.66	16 57 25.5	279 0	
91	70.26	9.2	24.66	27.1	80 52	
98	30	9.3	24.63	26.2	279 10	Bel. zu hell
R.3	69.32	—	28 30.58	15 14 55.4	277 44	
89	70.25	9.0	30.64	54.3	82 16	
98	30	9.1	30.69	55.2	277 48	
203	71.30	9.4	28 41.43	18 16 54.2	280 50	
200	71.27	9.8	28 58.62	18 16 17.6	79 14	unsicher
203	30	9.4	58.73	18.7	280 48	Bem.[1]
8	69.25	s.8	29 10.08	18 41 35.5	281 10	
91	70.26	8.2	9.90	36.4	78 48	
100	30	8.2	9.87	36.2	281 13	
9	69.25	h.8-9	29 26.41	19 17 58.5	281 40	
91	70.26	8.3	26.40	58.6	78 12	
101	30	8.7	26.59	58.7	281 50	
R.5	69.32		29 27.91	16 31 34.9	279 0	
92	70.26	8.5	27.87 (2)	33.4	80 58	
101	30	9.1	27.87	33.4	279 4	
R.4	69.32	—	29 28.87	17 41 12.1	280 10	3 F.
93	70.26	9.1	28.87	12.5	79 48	
100	30	9.3	28.74	11.9	280 14	unr. od. neblig
89	70.25	8.3	29 40.96	15 26 26.3	82 4	
98	30	8.1	40.96	25.7	278 0	
R.6	69.33	—	29 51.22	16 41 0.5	279 10	
93	70.26	8.8	51.21	0.6	80 48	
100	30	8.7	51.18	0.3	279 14	

[1] 9m.5 f. 15" etwa 0s.5 S.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10h			
R.[illegible]	69.3[illegible]		29m 54s.85	17° 29' 5".3	279° 58'	1 F.
93	70.2[illegible]	9.1	54.90	5.0	80 0	
[illegible]	30	9.4	54.85	4.4	280 2	
R.1	69.31		30 11.68	15 50 2.3	278 18	
89	70.25	9.2	11.57	3.0	81 40	
[illegible]	30	9.7	11.60	3.2	278 22	
[illegible]	[illegible]	[illegible]	30 15.52	17 54 11.7	280 22	
[illegible]	[illegible]	[illegible]	15.43	12.1	79 30	
[illegible]	31	8.8	15.50	11.6	280 26	
92	70.26	9.1	30 21.8[illegible]	17 35 20.3	79 54	
[illegible]	30	9.2	21.7[illegible]	21.0	280 8	
89	70.25	9.4	30 30.6[illegible]	15 11 22.2	82 18	
[illegible]	30	9.3	30.81	24.1	277 44	Bel. [illegible]
[illegible]	69.25	[illegible]	30 41.23	18 41 55.4	281 10	
[illegible]	70.26	9.3	41.14	56.5	78 48	
102	31	9.3	41.25	53.0	281 14	
91	70.26	[illegible]	30 51.8[illegible]	19 0 8.4	78 30	
[illegible]	31	[illegible]	51.75	7.8	281 32	
89	70.25	9.1	30 52.48	15 47 51.6	81 42	
[illegible]	30	[illegible]	52.41	51.7	278 20	
91	70.25	9.3	30 54.54	15 43 19.6	81 40	15°2227 [illegible]
[illegible]	25	[illegible]	54.60	21.3	81 40	
98	30	[illegible]	54.54	21.3	278 16	
[illegible]	69.26	[illegible]	31 3.86	17 55 41.2	**280 24	
92	70.26	[illegible]	3.7[illegible]	39.6	79 34	
[illegible]	31	[illegible]	3.77	39.4	280 28	
R.4	69.32	—	31 12.95	15 39 24.7	278 8	
89	70.25	[illegible]	13.02	24.1	81 50	
98	30	[illegible]	13.02	23.7	278 12	
103	31	[illegible]	12.83	23.7	278 12	* Wolken[1]
R.3	69.32	—	31 20.13	14 46 13.0	277 14	2 F.
R.3	32		20.20	14.6	277 14	
93	70.26	[illegible]	20.27	14.8	82 44	
102	31	[illegible]	20.21	14.1	277 18	
R.6	69.33	—	31 40.88	14 54 57.3	277 24	3 F.
93	70.26	[illegible]	40.97	57.0	82 34	
[illegible]	30	[illegible]	40.95	56.7	277 28	
R.1	69.31	—	32 10.93	17 39 37.9	280 8	3 F.
92	70.26	8.7	10.88	38.5	79 50	
101	30	8.7	10.92	38.2	280 12	
94	70.27	[illegible]	32 12.12	16 46 39.3	80 44	
103	31	7 g. [illegible]	12.22	39.1	279 20	
93	70.26	8.6	32 17.73	16 37 57.1	80 52	
102	31	8.4	17.83	55.4	279 10	
89	70.25	8.5	32 20.87	15 22 56.7	82 6	
98	30	8.6	20.86	56.3	277 56	15°2233 [illegible]
200	71.27	8.5	20.86	56.3	82 8	Z. 207 [illegible]
200	71.27	9.4	32 33.54	15 24 31.3	82 6	
203	30	9.1	33.57	31.1	277 58	
92	70.26	9.1	32 51.01	17 1 13.6	80 28	Bel. zu h[illegible]
101	30	9.1	51.00	12.8	279 34	
R.3	69.32	—	32 51.69	15 59 7.1	278 28	
91	70.27	9.2	51.78	6.0	81 30	
100	30	9.2	51.71	6.2	278 32	
93	70.26	8.4	32 53.38	16 40 12.3	80 50	
100	30	8.1	53.37	11.8	279 12	
R.5	69.32	—	32 54.38	17 5 50.6	*279 34	
92	70.26	9.2	54.29	51.8	80 24	
101	30	9.1	54.29	51.3	279 38	
R.4	69.32	—	33 0.19	17 13 4.4	279 42	
92	70.26	9.0 W.[illegible]	0.24	5.2	80 16	
102	31	8.5	0.19	4.8	279 46	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10^h			
8	69.25	s. 7.8	33^{m}14^s.98 (½)	18°42′48″.9 (½)	281°12′	
91	70.26	8.2	14.90	50.1 (½)	78 48	
03	31	8.2	15.00	49.1	281 16	
9	69.25	s. 8	33 18.32 (½)	19 53 32.7 (½)	282 22	
91	70.26	8.4	18.44	31.6	77 36	
03	31	8.6	18.47	31.5	282 26	
6	69.33	—	33 45.08 (0.3)	15 36 53.0 (½)	*278 6	3 F.
89	70.25	8.3	44.99	53.8	81 52	
98	30	8.2	45.03	54.1 (½)	278 10	
00	71.27	9.3	34 6.70	18 35 6.6	78 56	1 F. −0^s.47 abw.[1]
03	30	9.2	6.81	6.3	281 8	
103	71.30	9.8	34 13.14	17 46 36.5	280 20	
9	69.25	8	34 15.37 (0.4)	19 30 38.0 (½)	282 0	
R. 1	31	—	15.45 (0.3)	37.7 (½)	282 0	3 F.
91	70.26	8.4	15.50 (½)	38.0 (½)	78 0	
102	31	7.8	15.39	38.0	282 4	
200	71.27	9.2	34 16.49	17 49 50.8	79 40	17°2260 9^m.2 [2]
200	71.27	9.6	34 20.65	17 41 7.6	79 50	
203	30	9.3	20.76	7.0	280 14	
R. 3	69.32	—	34 26.87 (0.3)	17 31 33.9 (½)	280 0	3 F.
89	70.25	8.3	26.71	33.0	79 58	
100	30	8.0	26.87	33.0	280 4	
10	69.26	s. 8	35 16.10 (½)	19 3 59.3 (½)	281 32	
91	70.26	8.7	16.06	59.9 (½)	78 26	
101	30	8.7	16.03	59.7	281 36	
R. 4	69.32	—	35 27.30 (0.4)	16 56 10.9 (½)	279 24	
92	70.26	8.9	27.31	12.4	80 34	
98	30	9.1	27.26	11.4	279 28	
R. 5	69.32	—	35 48.37 (½)	18 52 26.1 (½)	281 20	
89	70.25	7.5	48.29	26.3	78 38	
101	30	7.2	48.26	24.6 (½)	281 24	
R. 3	69.32	—	35 50.77 (0.3)	17 5 6.2 (½)	279 34	3 F.
92	70.26	9.1	50.87	4.9	80 24	
98	30	9.2	50.91	5.0 (½)	279 38	
R. 1	69.31	—	36 5.51 (½)	17 46 40.7 (½)	280 16	
92	70.26	8.9	5.45	39.8	79 42	
100	30	8.7	5.48	41.1	280 20	
91	70.26	8.0	36 —	19 2 8.9 (½)	78 28	
102	31	7.9	9.06	8.5 (½)	281 34	
200	71.27	8.0	8.97 (½)	8.6 (½)	78 28	
R. 6	69.33	—	36 31.87 (0.2)	18 35 55.8 (½)	281 4	2 F.
93	70.26	9.0	31.93	56.1	78 54	
102	31	8.8	31.93	55.4	281 8	
201	71.27	9.9	36 38.08	16 5 43.0	81 26	
203	30	9.4	38.20	41.6	278 38	
R. 10	69.35	—	37 5.64 (½)	18 58 9.6 (½)	281 26	
93	70.26	7.1	5.69 (½)	8.6 (½)	78 32	
100	30	6.5	5.61	8.6	281 30	
R. 3	69.32	—	37 8.89 (0.1)	18 11 15.8 (½)	280 40	1 F.
93	70.26	9.3	8.81	14.8	79 18	
102	31	9.4	8.87	13.3 (½)	280 44	
200	71.27	9.5	37 33.01	15 18 12.8	82 12	
203	30	9.1	33.18	13.2	277 50	15°2239 9^m.3
200	71.27	9.5	37 39.55	15 53 11.3	81 38	
203	30	9.5	39.60	8.8	278 26	
200	71.27	10.2	37 40.86 (½)	15 58 51.0	81 32	
203	30	10.0	40.90	51.4	278 32	Bem.[2]

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10^h			
R. 1	69.31	—	38^{m}18^s.07 (0.3)	19°12′22″.8 (½)	281°42′	3 F.
89	70.25	9.3	18.00	24.5	78 18	
91	26	9.3	18.00	24.2	78 18	
102	31	9.2	17.94	23.9	281 44	Bel. zu hell
200	71.27	9.3	38 22.24 (½)	18 30 6.3	79 0	9^m.6 1^s:v. 2′N.
203	30	9.1	22.56	8.4	281 4	9^m.3 2^{s}v. 2′N.
R. 5	69.32	—	38 26.17 (0.4)	16 59 41.6 (½)	279 28	
94	70.27	8.6	26.16	42.1	80 30	
102	31	8.0	26.14	41.5 (½)	279 32	
R. 3	69.32	—	38 35.31 (0.2)	18 48 42.2 (½)	281 18	2 F.
93	70.26	9.2	35.48	41.9	78 40	
100	30	9.3	35.44	41.4	281 22	
R. 4	69.32	—	38 40.29 (½)	18 53 55.3 (½)	281 22	
93	70.26	9.1	40.22	57.3	78 36	
100	30	9.3	40.11	56.8	281 26	
9	69.25	5.6	39 40.22 (0.4)	19 33 0.8 (½)	282 2	
91	70.26	6.3	40.36 (½)	32 58.9 (½)	77 58	
103	31	5.6	40.30	59.3	282 6	
R. 6	69.33	—	39 48.00 (0.4)	14 51 13.6 (½)	*277 20	
89	70.25	6.9	47.98	14.9	82 38	
103	31	6.0	48.04	15.3	277 24	
R. 5	69.32	—	39 51.71 (0.3)	17 31 44.2 (½)	280 0	3 F.
93	70.26	9.0	51.59	43.0	79 58	
100	30	9.2	51.64	43.2	280 4	
R. 3	69.32	—	40 0.93 (0.3)	17 12 2.3 (½)	279 40	3 F.
92	70.26	7.4	1.07	2.0	80 18	
102	31	7.4	0.98	2.5	279 44	
89	70.25	9.4	40 23.99	14 52 15.6	82 38	Z.103: 9^m.3
R. 1	69.31	—	40 30.59 (0.2)	14 53 28.5 (½)	277 22	2 F.
103	70.31	9.2	30.87	28.6	277 26	Z.89: 9^m.3
10	69.26	s. 9	40 36.25: (½)	18 57 12.5 (½)	281 26	
91	70.26	9.2	36.31 (½)	14.3	78 32	2 F.
200	71.27	9.2	36.34	15.2	78 34	
203	30	9.0	36.39 (½)	14.3 (½)	281 30	
93	70.26	8.9	40 43.48	17 35 0.7 (½)	79 54	
100	30	9.1	43.43	0.0	280 8	
R. 4	69.32	9.1	40 50.80 (½)	16 7 52.7 (½)	278 36	
93	70.26	9.2	50.89	52.9	81 22	
100	30	9.2	50.75	53.0	278 40	
9	69.25	h. 8 .. s. 7.8	40 58.28 (½)	19 37 16.7 (½)	282 6	
91	70.26	8.2	58.38	15.7	77 52	
102	31	7.8	58.40	16.6	282 10	Z.200: 8^m.5
91	70.26	9.4	41 —	19 38 51.6	77 52	
102	31	9.4	3.72	52.5	282 12	
200	71.27	9.3	3.74	51.5	77 52	
93	70.26	9.2	41 7.32	16 9 35.7 (½)	81 20	
100	30	9.3	7.45	35.6 (½)	278 42	
R. 3	69.32	—	41 25.69 (0.3)	14 52 13.6 (½)	277 20	3 F.
89	70.25	8.6	25.77 (½)	14.8 (½)	82 39	
103	31	8.8	25.80	14.3	277 24	
R. 5	69.32	—	42 4.60 (0.4)	17 54 55.3 (½)	280 24	
94	70.27	9.1	4.44	54.2	79 36	
102	31	8.5	4.45	54.7	280 28	
201	71.27	9.4	42 22.70	19 40 21.8	77 50	
R. 1	69.31	—	42 29.43 (0.3)	15 21 43.6 (½)	277 50	3 F.
96	70.27	9.2	29.36	41.3	82 8	
103	31	9.2	29.33	42.9	277 54	
94	70.27	9.2	42 42.69	16 32 19.4	80 58	
203	71.30	8.6	42.69	18.6	279 6	
R. 10	69.35	—	42 46.04 (0.4)	17 48 22.5 (½)	280 16	
94	70.27	7.8	46.00	22.9	79 42	
102	31	7.2	46.05	23.8	280 20	

[1] 18°2387 9^m.3
[2] 9^m.8 15^s: v. 0′.3 N.

[2] Z. 203: 17°2260 erheblich heller als 2257

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10h			
201	71.27	9.3	42m55s.05	16° 5' 28".8	81° 26'	
89	70.25	9.4	42 57.71 (½)	14 51 42.4	82 38	α [illegible]
103	31	9.2	57.55	42.4 (½)	277 24	
203	71.30	9.1	57.58	42.9	277 24	
95	70.27	9.2	43 4.54	18 44 47.6	78 46	
96	27	9.3	4.61	48.5	78 46	
102	31	9.1	4.46	47.9	281 18	Dpl. [illegible]
201	71.27	9.4	43 4.91	16 8	81 —	
201	71.27	9.6	43 14.00	16 8 42.2	81 22	
96	70.27	8.5	43 18.90	14 56 35.4	82 34	
103	31	8.5	18.91	36.7	277 30	
201	71.27	9.4	44 4.17	19 38 58.9	77 52	
R.5	69.32	—	44 15.50 0.4	17 18 4.8 (½)	279 40	
94	70.27	9.1	15.41	2.9	80 12	
99	30	9.0	15.48	4.3	279 50	
R.6	69.33	—	44 22.80	16 43 2.9 (½)	279 12	3 F.
93	70.26	8.5	22.75	3.3	80 48	
102	31	8.0	22.71	4.1	279 16	
200	71.27	9.4	44 26.01	19 25 51.8 (½)	78 4	
203	30	9.2	26.02	54.0	281 58	
95	70.27	9.4	44 33.72 (½)	19 36 50.5 (½)	77 54	
96	27	9.3	33.73	51.5	77 54	0m.7 s.
102	31	9.3	33.64	53.0	282 10	
R.1	69.31	—	44 42.79	15 32 0.7 (½)	278 6	
89	70.25	9.2	42.96	0.6	81 58	
103	31	9.1	42.87	31 59.6	278 4	
R.3	69.32	—	44 44.80 0.2	19 50 22.8 (½)	282 18	2 F.
95	70.27	9.2	44.99 (½)	18.5	77 40	
96	27	9.1	44.73 (½)	20.8	77 30	
102	31	9.2	44.71	21.8	282 22	
R.4	69.32	—	45 11.41 (½)	19 22 55.2 (½)	281 52	
94	70.27	8.9	11.46	55.8	78 8	
99	30	8.7	11.48	55.5	281 56	
R.10	69.35	—	45 23.83 0.3	16 45 —	279 —	
93	70.26	8.6	23.86	28.7	80 44	
103	31	8.2	23.81	28.6	279 18	
95	70.27	9.1	45 32.95 (½)	16 49 45.0	80 40	
96	27	9.1	32.83	44.8	80 40	
103	31	9.2	32.88	45.7	279 22	
R.5	69.32	—	45 55.25 0.3	17 44 21.3 (½)	280 12	3 F.
94	70.27	9.3	55.26	21.1	79 46	
102	30	9.1	55.29	22.0	280 16	
R.6	69.33	—	46 2.59 0.3	16 58 47.4 (½)	279 28	3 F.
95	70.27	8.9	2.54	46.6 (½)	80 30	
203	71.30	8.2	2.53	45.8 (½)	279 32	
R.1	69.31	—	46 15.37 0.3	15 24 13.9 (½)	277 52	
89	70.25	8.9	15.32	14.4	82 6	
204	71.34	9.0	15.22	14.0 (½)	277 56	
R.3	69.32	—	46 18.99 0.3	17 20 36.0 (½)	279 48	3 F.
95	70.27	9.1	18.95	36.0	80 8	
96	27	9.0	18.87	35.6	80 10	
204	71.34	8.8	18.92	36.0 (½)	279 54	
93	70.26	9.0	46 19.28	16 28 47.4	81 0	
203	71.30	8.9	19.18	47.3	279 2	
94	70.27	8.5	46 33.85	17 38 29.3	79 52	
203	71.30	8.3	33.72	28.4	280 12	
93	70.26	9.2	46 37.10	17 23 43.0 (½)	80 6	
103	31	9.2	37.14	42.2	279 56	
94	70.27	9.1	46 45.54	18 43 57.8	78 46	
99	30	9.0	45.47	58.0	281 16	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10h			
R.5	69.32		47m17s.04 0.4	17° 46' 17".2 (½)	280° 14'	
92	70.26	9.1	17.31	17.3	79 44	
102	31	9.0	17.33	18.1	280 18	
R.3	69.32		47 18.36 0.4	16 53 15.1 (½)	279 22	
93	70.26	9.1	18.25	15.8	80 36	
202	31	9.1	18.22	16.2	279 20	
201	71.27	9.0	47 19.47	19 48 13.5	77 42	
R.1	69.31	—	48 1.31 0.[..]	15 39 2.2 (½)	278 8	3 F
93	70.26	9.1	1.27	3.8	81 50	
203	71.30	9.1	1.24	2.9	278 12	
R.1	69.33	—	48 8.33 (½)	15 51 43.5 (½)	*278 20	
93	70.26	8.5	8.33	46.0	81 38	
203	71.30	8.4	8.38	44.6 (½)	278 24	
R.3	69.32		48 16.05 0.[..]	17 3 16.4 (½)	279 32	3 F
92	70.26	9.1	16.04	15.5	80 26	
103	31	9.2	15.07	15.7	279 36	
R.7	69.33	—	48 17.74 0.4	17 30 28.1 (½)	*279 58	
92	70.26	9.1	17.65	28.2	80 0	
103	31	9.1	17.82	27.4	280 4	
94	70.27	8.9	48 48.06	19 12 42.9	78 18	
99	30	8.7	48.04	42.2	281 46	
R.5	69.32	—	49 16.27 0.4	18 49 5.9 (½)	281 18	18°24'21"
93	70.26	7.2	16.30	6.9	78 40	
103	31	7.3	16.33	6.3	281 22	
92	70.26	9.0 sic	49 26.01	16 49 2.4	80 40	
103	31	8.8	26.07 (½)	2.9	279 22	
R.4	69.32	—	49 29.90 (½)	19 29 39.4 (½)	281 58	
94	70.27	9.1	29.94	39.6 (½)	78 1	
99	30	9.1	29.83 (½)	39.6 (½)	282 2	
10	69.26	h 8.9	49 57.23 (½)	18 19 23.9 (½)	280 48	
92	70.26	8.3	57.25	24.6	79 10	
102	31	8.2 spd.	57.20 (½)	24.3 (½)	280 52	
R.1	69.31		50 4.12 0.3	18 0 50.4 (½)	280 30	3 F.
92	70.26	9.2	4.03 (½)	51.1 (½)	79 30	
103	31	9.1	4.16	50.7	280 34	
R.3	69.32		50 6.85 0.[..]	19 36 57.4 (½)	282 6	3 F.
93	70.26	9.2	6.97	58.2	77 52	
203	71.30	9.1	6.93	56.1	282 10	
201	71.27	9.7	50 10.14	18 29 7.0	79 2	
201	71.27	10.3	50 10.15	18 4 34.4:	79 26	dkl. Feld
R.5	69.32	—	51 0.88 0.3	16 25 53.1 (½)	278 54	3 F.
94	70.27	8.0	0.97	51.6	81 4	
99	30	8.0	0.93	52.6	278 58	
10	69.26	8.9	51 2.03 0.4	18 36 39.2 (½)	281 6	
93	70.26	8.6	2.62	40.0	78 54	
102	31	8.4	2.55	37.5	281 10	
R.6	69.33	—	51 19.36 (½)	15 7 50.8 (½)	277 36	
96	70.27	8.0	19.36	50.9	82 22	
103	31	8.0	19.40	50.8	277 40	
R.4	69.32	—	51 25.14 (½)	15 34 27.4 (½)	278 4	
96	70.27	9.1	25.01	28.5	81 56	
203	71.30	9.0	25.08	28.2	278 8	
94	70.27	9.0	51 32.01	16 8 48.0	81 22	
99	30	8.8	32.05	48.2	278 42	
R.7	69.33	—	51 40.86 0.3	16 20 29.9 (½)	278 48	3 F.
94	70.27	9.1	40.78	31.8	81 10	
99	30	9.1	40.72	30.7	278 54	
92	70.26	8.9 sic	51 43.89	17 16 15.6	80 14	
103	31	8.3	43.93	15.2	279 48	
92	70.26	9.2	51 49.78	17 51 35.5	79 38	
203	71.30	8.6	49.84	35.5	280 24	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			10^h			
93	70.26	8.8	$51^m55^s.33$	19° 15′ 42″.0	78° 14′	
04	71.34	8.8	55.38 (½)	40.6 (½)	281 48	
R. 3	69.32	—	51 57.59 (0.3)	16 47 10.2 (½)	279 16	3 F.
94	70.27	9.2	57.79	10.2	80 42	
99	30	9.2:	57.75	—	279 22	
03	71.30	9.2	57.86	10.6	279 20	
R. 1	69.31	—	51 57.93 (0.3)	15 4 20.3 (½)	277 34	3 F.
04	70.33	9.0	57.96	19.8	82 26	
04	71.34	9.2	57.93 (½)	19.7 (½)	277 38	
10	69.26	h. 8	52 21.61 (½)	18 23 28.7 (½)	280 52	
96	70.27	8.5	21.48	29.4	79 6	
02	31	8.0	21.53 (½)	28.4 (½)	280 56	
96	70.27	9.0	52 21.62	19 45 4.1	77 44	
103	71.30	8.6	21.65	6.0	282 18	
R. 10	69.35	—	52 29.01 (0.4)	18 29 47.8 (½)	*280 58	
103	70.31	7.3	28.94	47.6	281 2	
104	33	7.2	28.97 (½)	48.0 (½)	79 0	
105	34	7.6	29.01	47.5 (½)	79 1	
201	71.27	9.8	52 41.12	16 34 44.0	80 56	
R. 5	69.32	—	52 43.80 (0.4)	16 12 34.4 (½)	278 42	
94	70.27	8.1	43.85	34.2	81 18	
99	30	8.0	43.83	34.1	278 46	
R. 6	69.33	—	52 57.66 (0.3)	18 40 39.0 (½)	281 10	3 F.
93	70.26	8.5	57.61	39.4	78 50	
102	31	8.3	57.60	36.4	281 14	
201	71.27	9.4	53 3.89	19 16 53.2	78 14	
R. 7	69.33	—	53 10.78 (0.4)	17 3 24.8 (½)	279 32	
92	70.26	8.3	10.80	24.8	80 26	
103	31	8.0	10.79	25.3	279 36	
10	69.26	—	53 20.59 (0.4)	18 10 35.6 (½)	280 38	
93	70.26	9.0	20.59	33.8	79 20	
203	71.30	9.0	20.61 (½)	33.4 (½)	280 44	
R. 4	69.32	—	53 21.04 (0.3)	16 0 11.0 (½)	278 28	3 F.
94	70.27	9.2	20.95	10.2	81 30	
99	30	9.2	21.01	10.7	278 34	
96	70.27	9.2	53 28.78	18 49 27.6	78 40	
102	31	9.1	28.81	26.0	281 22	
R. 1	69.31	—	54 8.38 (0.3)	16 7 27.1 (½)	278 36	3 F.
93	70.26	9.1	8.30	27.2	81 22	
103	31	9.1	8.33	27.3	278 40	
200	71.27	9.4	54 25.18	16 38 12.3 (½)	80 52	
203	30	9.2	25.20	13.1	279 12	
R. 5	69.32	—	54 39.64 (0.4)	18 22 48.4 (½)	*280 52	
92	70.26	9.2	39.61 (½)	48.2 (½)	79 6	
102	31	9.0	39.57	48.8	280 56	
R. 6	69.33	—	54 49.47 (0.4)	15 41 31.2 (½)	278 10	
93	70.26	8.0	49.54	31.8	81 48	
103	31	8.0	49.41	31.7	278 14	
201	71.27	9.5	55 4.93	18 45 40.2	78 44	
10	69.26	s. 8	55 5.46 (0.6)	18 1 53.6 (½)	280 30	
92	70.26	8.4	5.49	52.5 (½)	79 28	
102	31	8.1	5.45	52.5	280 34	
R. 3	69.32	—	55 25.95 (0.3)	15 17 27.8 (½)	277 46	3 F.
93	70.26	9.0	25.99	28.6	82 12	
103	31	9.0 spl.	26.03	27.8	277 50	
200	71.27	9.6	55 26.30	18 27 23.4	79 4	
203	30	9.4	26.36	22.8 (½)	281 0	
R. 4	69.32	—	55 31.25 (0.1)	18 18 11.3 (½)	280 46	
94	70.27	8.7	31.21	10.5	79 12	
99	30	8.8	31.28	11.0	280 52	
			10^h			
R. 1	69.31	—	$55^m46^s.83$ (0.3)	18° 44′ 27″.1 (½)	281° 14′	
93	70.26	8.9	46.64	30.0	78 46	
102	31	8.7	46.71	28.8	281 16	
R. 7	69.33	—	55 47.20 (½)	17 33 5.3 (½)	*280 2	
92	70.26	8.3	47.18	5.4	79 56	
103	31	8.1	47.19	5.0	280 6	
10	69.26	9	56 8.91 (0.4)	19 1 22.4 (½)	281 30	
94	70.27	9.2	8.85	22.3	78 28	
99	30	9.1	8.81	22.3	281 34	
201	71.27	9.7	56 54.16	18 53 26.9	78 38	
203	30	9.8	53.97	29.7	281 26	
R. 3	69.32	—	57 28.37 (0.3)	16 55 46.6 (½)	279 24	3 F.
92	70.26	8.6	28.31	47.2 (½)	80 34	
103	31	8.5	28.29 (½)	47.4 (½)	279 28	
R. 4	69.32	—	57 32.47 (½)	16 31 35.8 (½)	279 0	
94	70.27	9.0	32.51 (½)	34.8	80 58	
99	30	9.0	32.51 (½)	35.1	279 4	
R. 5	69.32	—	57 39.17 (0.4)	14 55 20.1 (½)	277 24	
96	70.27	8.4	39.10	19.3	82 34	
203	71.30	8.0	39.04	20.5	277 28	
10	69.26	s. 9	57 42.83 (0.4)	18 34 27.2 (½)	281 2	
93	70.26	9.1	42.77	27.5	78 56	
102	31	9.2	42.68	27.4	281 6	
201	71.27	9.4	57 45.22	18 10 31.0	79 20	
R. 6	69.33	—	57 45.69 (½)	15 23 51.9 (½)	277 52	
92	70.26	8.0	45.78	52.9	82 6	
203	71.30	7.8	45.70	52.4 (½)	277 56	
R. 1	69.31	—	58 7.27 (0.2)	19 30 11.0 (½)	281 58	2 F.
93	70.26	9.0	—	12.6	78 0	
96	27	9.1	6.93 *	10.8	78 0	* 7.13?
102	31	8.9	7.02	12.2	282 2	
R. 7	69.33	—	58 43.96 (½)	17 15 52.8 (½)	279 44	
103	70.31	9.1	43.95	52.1	279 48	
104	33	8.9	43.90	52.1	80 14	
105	34	9.0	43.92	51.4	80 14	
10	69.26	8	59 5.96 (½)	19 30 42.5 (½)	281 58	
93	70.26	8.5	—	43.0	78 0	
94	27	8.4	5.98	42.6	78 0	
102	31	8.3	5.95	42.7	282 4	
R. 3	69.32	—	59 32.71 (0.2)	19 29 4.3 (½)	281 58	2 F.
102	70.31	9.3	32.52	5.7	282 2	
104	33	9.3	32.55	3.7	78 0	
105	34	9.3	32.68	2.5	78 0	
R. 1	69.31	—	59 50.43 (0.3)	17 32 52.1 (½)	280 2	3 F.
96	70.27	8.9	50.29	53.5	79 56	
102	31	8.5	50.30	52.1	280 6	
R. 4	69.32	—	59 54.94 (½)	14 56 55.2 (½)	277 26	
103	70.31	9.2	55.01	56.3	277 30	15°2287 9m.4
104	33	8.9	54.96	54.9	82 32	
105	34	9.0	54.96	52.3	82 32	
R. 5	69.32	—	59 58.22 (0.4)	15 42 45.6 (½)	278 12	
103	70.31	8.7	58.26	46.7	278 16	
104	33	8.6	58.20	47.1	81 46	
			11^h			
10	69.26	6.7	0 6.32 (½)	18 24 46.0 (½)	280 54	
105	70.34	6.4	6.35	47.4	79 4	
203	71.30	6.6 *	6.39	48.7	280 58	* röthlich
R. 6	69.33	—	0 8.21 (0.4)	15 51 26.7 (½)	*278 20	
105	70.34	7.0	8.15	28.1	81 38	
203	71.30	7.6	8.27	26.9	278 24	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11^h			
R. 7	69.33	--	$0^m 10^s.06$ (½)	$19° 48' 35''.5$ (½)	$282° 16'$	
93	70.26	9.0	—	33.7	77 42	
94	27	9.1	10.06	34.2	77 42	
102	31	8.3	10.10	34.4	282 22	
93	70.26	9.0	0 —	19 58 10.9	77 32	
94	27	9.1	12.95	11.2	77 32	
99	30	9.0	12.96	11.2	282 30	
201	71.27	9.6	0 15.98	18 29 14.6	79 2	$9^m.5$ f. 1' 4'S.
96	70.27	9.2	0 30.46	15 58 34.1	81 30	
103	31	9.1	30.48	34.4	278 30	
R. 9	69.34	—	0 38.25(0.3)	15 41 36.3 (½)	278 10	3 F.
103	70.31	8.8	38.18	35.7	278 14	
104	33	8.7	38.08	35.8	81 48	
R. 7	69.33	—	0 53.45(0.4)	19 21 47.2 (½)	281 50	
93	70.26	8.3	—	48.6	78 8	
94	27	8.4	53.59	48.0	78 8	
99	30	8.8	53.50	48.1	281 54	
R. 3	69.32	—	1 17.43(0.3)	17 33 27.5 (½)	280 2	3 F.
96	70.27	9.1	17.44	26.6	79 56	
102	31	8.9	17.30	26.5	280 6	
10	69.26	8-9	2 4.08 (½)	19 21 35.0 (½)	281 50	
93	70.26	8.8	—	34.1	78 8	
94	27	9.0	4.19	34.1	78 8	
99	30	9.0	4.14	34.5	281 54	
R. 1	69.31	—	2 4.49(0.3)	17 52 58.1 (½)	280 22	3 F.
102	70.31	7.0	4.36	57.7	280 26	
104	33	6.5	4.31 (½)	57.4 (½)	79 36	
105	34	7.2	4.38	57.9	79 36	
R. 4	69.32	—	2 12.19(0.4)	17 29 11.7	279 58	
94	70.27	9.0	12.14	11.8	80 0	
99	30	9.1	12.32	11.7 (½)	280 2	
R. 5	69.32	—	2 22.08(0.4)	15 53 17.3 (½)	278 22	
96	70.27	8.8	22.08	18.1	81 36	
102	31	8.4	22.04	17.5	278 26	
R. 3	69.32	—	3 7.31(0.3)	16 32 43.7 (½)	279 2	3 F.
94	70.27	8.4	7.33	42.1	80 56	
99	30	8.3	7.35	42.9	279 6	
R. 6	69.33	—	3 7.87(0.4)	15 48 18.3 (½)	278 18	
96	70.27	8.6	7.82	17.5	81 42	
102	31	8.4	7.84	17.3	278 20	
R. 7	69.33	—	3 23.29(0.3)	15 23 20.7 (½)	277 52	3 F.
96	70.27	8.7	23.41	20.6	82 6	
102	31	8.2	23.32	19.5	277 56	
R. 9	69.34	—	3 29.01(0.4)	16 35 27.1 (½)	*279 4	
R. 10	35	—	28.88(0.3)	27.8 (½)	279 4	3 F.
94	70.27	8.0	28.86	27.1	80 54	
99	30	7.9	28.95	27.2	279 8	
10	69.26	h. 9-10	3 44.20 (½)	19 53 32.0 (½)	282 22	
103	70.31	9.3	44.11 (½)	29.5	282 26	
104	33	9.4	44.20	30.9	77 36	
105	34	9.4	44.26	29.9	77 36	
R. 4	69.32	—	4 17.87(0.4)	19 3 0.6 (½)	281 32	
94	70.27	8.7	17.85	0.8	78 26	
99	30	8.3	17.83 (½)	2 59.4	281 36	3 F.
R. 1	69.31	—	4 18.33(0.3)	17 44 30.1 (½)	280 14	3 F.
103	70.31	9.0	18.10	29.4	280 16	
104	33	9.1	18.25	30.3	79 46	
105	34	9.1	18.17	30.1	79 46	
R. 3	69.32	—	4 23.20(0.2)	15 56 11.2 (½)	278 24	3 F.
96	70.27	9.2	23.01	11.9 (½)	81 34	
102	31	8.9	23.08	11.8	278 28	
			11^h			
R. 5	69.32	—	$5^m 1^s.99$(0.4)	$18° 51' 0''.8$ (½)	$281° 20'$	
103	70.31	9.1	2.04	0.3	281 24	
104	33	9.2 W.	1.98:(½)	1.4:(½)	78 38	
105	34	9.1	2.02	2.1	78 40	
10	69.26	h. 8	5 3.01 (½)	19 22 18.8 (½)	281 50	
94	70.27	8.3	3.19	18.6	78 8	
99	30	8.0	3.16	19.4	281 54	
R. 6	69.33	-	5 10.38 (½)	15 4 44.8 (½)	*277 34	
96	70.27	7.3	10.39	45.0	82 26	
102	31	6.5:	10.39	45.6	277 38	
R. 7	69.33	—	5 31.37(0.4)	14 59 13.7 (½)	277 28	
96	70.27	8.5	31.36	14.3	82 30	
102	31	8.2	31.27	14.7	277 32	
10	69.26	8	6 2.52 (½)	19 33 58.9 (½)	282 2	
103	70.31	8.2	2.48	57.1	282 6	
104	33	8.8	2.54	59.5	77 56	
105	34	8.5	2.51	58.6	77 56	
R. 4	69.32	—	6 4.65(0.4)	16 53 13.0 (½)	279 22	
101	70.30	8.0	4.65	11.7 (½)	279 26	
105	34	8.4	4.70	12.8	80 36	
R. 3	69.32	—	6 13.32(0.3)	15 25 13.9 (½)	277 54	3 F
94	70.27	9.2	13.31	14.7	82 4	
99	30	9.2	13.33	15.0	277 58	
R. 1	69.31	—	6 29.14(0.3)	17 27 8.9 (½)	279 56	3 F.
96	70.27	9.3	28.97	8.7 (½)	80 2	
102	31	9.2	28.89	8.0	280 0	
R. 5	69.32	—	7 0.83(0.4)	15 53 6.4 (½)	278 22	
94	70.27	9.2	0.87	7.8	81 36	
99	30	9.2	0.87	8.8	278 26	
10	69.26	8-9	7 10.79(0.4)	19 16 22.9 (½)	*281 44	
102	70.31	9.0	10.86	23.8	281 48	
105	34	9.0	10.85	24.5	78 14	
R. 3	69.32	—	7 42.39(0.3)	17 36 31.8 (½)	280 6	3 F
103	70.31	8.7	42.39	32.1	280 10	
105	34	8.9	42.39	32.4	79 54	
101	70.30	9.2	7 49.95	18 5 15.9	280 38	
105	34	9.2	49.96	17.2	79 24	
R. 7	69.33	—	7 50.87(0.4)	16 11 41.9 (½)	278 40	
94	70.27	9.1	50.79	42.5	81 18	
99	30	9.2	50.75	43.2	278 44	
R. 1	69.31	—	8 6.25(0.3)	17 1 3.7 (½)	279 30	3 F.
94	70.27	8.0	6.18	5.8	80 28	
99	30	8.0	6.27	4.5	279 34	
R. 5	69.32	—	8 52.08(0.4)	15 47 40.8 (½)	278 16	
R. 6	33	—	52.19(0.3)	41.4 (½)	278 16	2 F.
94	70.27	7.6	51.98	41.4	81 42	
99	30	7.6	51.94	41.4	278 20	
R. 3	69.32	—	9 4.71(0.2)	17 40 38.7 (½)	280 10	2 F.
96	70.27	9.3	4.61	38.0	79 50	
101	30	9.1	4.64	37.0	280 14	
10	69.26	h. 8-9	9 54.79 (½)	19 19 23.9 (½)	*281 48	
93	70.26	9.0	54.74 (½)	25.4 (½)	78 10	
102	31	8.5	54.74	25.2	281 52	
R. 6	69.33	—	9 55.91(0.3)	19 32 18.3 (½)	282 0	
96	70.27	9.1	56.11	18.6	77 58	
102	31	9.0	56.09	19.6	282 4	
R. 1	69.31	—	10 0.20(0.2)	17 38 3.6 (½)	280 6	2 F
96	70.27	9.4	0.12	4.5	79 52	
101	30	9.2	0.10	5.4	280 10	

* Nr. 4387: ϑ Leonis, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11h			
R. 7	69.33	—	10m 8s.03 (0.4)	15° 43′ 38″.5 (½)	278° 12′	
94	70.27	9.1	8.16	39.7 (½)	81 47	
99	30	9.0	8.09	39.3	278 16	
103	70.31	9.0	10 11.13	14 47 21.3	277 20	
105	34	9.3 W.	11.20 (½)	21.4 (½)	82 42	
R. 5	69.32	—	10 34.50 (0.4)	15 42 6.9 (½)	278 10	
94	70.27	8.8	34.57	6.1	81 48	
99	30	8.6	34.52	6.1	278 14	
R. 7	69.33	—	10 41.53 (0.4)	17 38 10.0 (½)	280 6	
93	70.26	8.6	41.56	11.0	79 52	
101	30	8.2	41.57	10.3	280 10	
R. 6	69.33	—	11 41.33 (0.3)	16 39 25.6 (½)	279 8	3 F.
94	70.27	8.5	41.50	24.5	80 50	
99	30	8.3	41.42	24.6	279 12	
R. 4	69.32	—	11 45.42 (½)	17 9 5.4 (½)	279 58	
93	70.26	9.1	45.40	5.2	80 20	
102	31	9.0	45.59	4.8	279 42	
R. 1	69.31	—	12 5.40 (0.3)	17 8 51.6 (½)	279 38	3 F.
93	70.26	8.5	5.48	51.3	80 20	
100	30	8.0	5.61	53.0	279 42	
R. 5	69.32	—	12 26.85 (0.3)	14 57 24.8 (½)	277 26	3 F. — [1]
94	70.27	{ 7.5	26.91	24.9	82 32	} Dpl. 6″ 20°
		{ 8.8	27.02	29.9	82 32	
98	30	{ 7.8	26.95	25.7	277 30	} " 7 15
		{ 8.8	27.04	30.7	277 30	
10	69.26	s. 9	12 50.12 (½)	18 47 30.1 (½)	281 16	
93	70.26	9.2	50.04	30.1	78 42	
99	30	9.2	50.18	30.3	281 20	
R. 4	69.32	—	13 15.34 (0.3)	19 45 58.9 (½)	282 14	3 F.
R. 10	35	—	15.37 (0.4)	58.2 (½)	282 14	
93	70.26	8.2	15.29	59.7	77 44	
100	30	8.1	15.31	59.2	282 18	
R. 3	69.32	—	13 34.63 (0.3)	17 46 18.7 (½)	280 16	3 F.
94	70.27	9.1	34.88	19.5	79 44	Z. R. 7: 9m.0
99	30	9.0	34.79	18.9	280 18	
R. 7	69.33	—	13 35.42 (0.4)	17 48 0.9 (½)	280 16	
94	70.27	8.0	35.49	0.8	79 42	
99	30	8.0	35.43	0.3	280 20	
R. 6	69.33	—	13 39.59 (0.3)	17 25 2.3 (½)	279 54	
94	70.27	8.3	39.75	1.5	80 6	
99	30	8.2	39.77	0.4	279 58	
10	69.26	7.8	13 52.44 (½)	17 59 44.3 (½)	280 28	
96	70.27	7.5	52.30	44.1	79 30	
102	31	7.1	52.29	42.8	280 32	
101	70.30	8.9	14 10.00	19 58 12.8	282 32	
105	34	9.0	10.05	11.4	77 32	
R. 1	69.31	—	14 31.33 (0.3)	18 33 20.8 (½)	281 2	3 F.
93	70.26	8.6	31.18	21.3	78 56	
102	31	8.3	31.14	19.3	281 6	
10	69.26	h. 8	15 16.62 (½)	18 52 39.6 (½)	281 22	
93	70.26	8.1	16.53	42.3	78 38	
102	31	7.8 spl.	16.47	39.7	281 24	
R. 3	69.32	—	15 37.50 (0.3)	18 30 2.1 (½)	280 58	3 F.
93	70.26	9.1	37.49	3.2	79 0	
101	30	9.1	37.50	1.6	281 2	
R. 7	69.33	—	15 56.39 (0.4)	18 7 22.5 (½)	*280 36	
96	70.27	7.7*	56.36	21.6	79 22	* s. unr.
100	30	7.8	56.41	21.8	280 40	
R. 1	69.31	—	16 21.26 (0.3)	16 13 8.4 (½)	278 42	3 F.
94	70.27	8.1	21.35	9.7	81 16	
99	30	8.1	21.29	10.0	278 46	
			11h			
R. 6	69.33	—	16m 23s.01 (0.4)	15° 0′ 32″.5 (½)	*277° 30′	
93	70.26	8.4	22.92	32.3	82 28	
95	27	8.8	22.97	33.1	82 28	
98	30	8.0	23.02	32.4	277 34	
10	69.26	h. 8.9	16 50.31 (½)	19 43 11.8 (½)	282 12	
100	70.30	8.6	50.36	12.4	282 16	
105	34	8.3	50.40	11.4	77 46	
12	69.26	s. 9	16 53.61 (½)	16 40 40.6 (½)	279 10	
95	70.27	9.2	53.74	41.5	80 48	
96	27	9.2	53.51	41.4	80 50	
98	30	9.0	53.59	41.5	279 14	
R. 7	69.33	—	17 5.31 (0.4)	17 49 40.3 (½)	*280 18	
96	70.27	7.8	5.36	39.0	79 40	
101	30	7.5	5.36 (½)	40.5 (½)	280 22	
R. 3	69.32	-	17 13.86 (0.3)	17 5 4.7 (½)	*279 34	3 F.
94	70.27	9.1	13.77	6.7	80 24	
99	30	8.9	13.81	5.8	279 38	
R. 5	69.32	—	17 47.35 (0.4)	14 51 14.9 (½)	277 20	
95	70.27	9.0	47.24 (½)	15.8	82 38	1 F.
96	27	8.9	47.31	14.5	82 38	
98	30	8.8	47.46	14.1	277 24	
10	69.26	7.8	17 53.25 (0.4)	18 1 45.5 (½)	*280 30	
95	70.27	8.5	53.08	46.6	79 28	
99	30	8.0	53.23	45.6	280 34	
12	69.26	h. 8	17 54.49 (0.4)	16 34 13.3 (½)	279 2	
94	70.27	7.5	54.47	13.7	80 56	
98	30	7.8	54.49	12.9	279 6	
R. 1	69.31	—	18 7.10 (0.3)	17 0 24.6 (½)	*279 30	3 F.
94	70.27	9.0	7.10	25.9	80 20	
99	30	9.1	7.15	24.8	279 32	
12	69.26	6	19 5.42 (½)	17 8 34.6 (½)	279 36	
94	70.27	6.0	5.25	36.5	80 22	
99	30	6.0	5.34	37.8	279 40	
R. 3	69.32	—	19 49.52 (0.3)	16 51 24.6 (½)	279 20	2 F.
95	70.27	9.4	49.06: (½)	24.2: (½)	80 38	
98	30	9.3	49.23	25.2	279 24	
105	34	9.2	49.29	24.8	80 38	17°2358 9m.3
10	69.26	9.10	19 58.55 (½)	18 32 49.4: (½)	281 2	
100	70.30	9.3	58.61 (½)	51.2 (½)	281 6	
105	34	9.3	58.55 (½)	50.5 (2)	78 57	
R. 5	69.32	—	20 24.61 (0.3)	16 39 27.7 (½)	279 8	
95	70.27	9.3	24.79 (½)	28.2	80 50	3 F.
96	27	9.1	24.72	28.2	80 50	
98	30	9.2	24.71	27.2	279 12	
12	69.26	s. 9	20 45.97 (½)	19 25 [27.2::]	281 54	
94	70.27	9.2	46.03	32.6	78 4	
99	30	9.2	46.09 (½)	32.6 (½)	281 58	
10	69.26	9	21 8.12 (½)	18 30 5.1 (½)	281 4	
94	70.27	9.2	8.23	4.8	78 54	
99	30	9.0	8.12	5.5	281 8	
R. 3	69.32	—	21 10.49 (0.3)	16 41 55.7 (½)	279 10	2 F.
95	70.27	9.1	10.55	57.3	80 48	
96	27	9.1	10.48	57.2	80 48	
98	30	9.2	10.54	56.0	279 14	
R. 6	69.33	—	21 26.07 (0.3)	18 2 39.3 (½)	280 32	3 F.
94	70.27	9.3	25.96	39.7	79 28	
99	30	9.2	26.03	40.1	280 36	
R. 1	69.31	—	21 26.93 (0.3)	15 31 16.7 (½)	278 0	2 F.
95	70.27	9.3	26.90 (½)	15.3 (½)	81 58	etw. uns.
96	27	9.1	26.84	15.1	81 58	
98	30	9.1	26.94	14.9	278 4	
12	69.26	8.9	22 30.79 (½)	16 36 40.0 (½)	279 6	
100	70.30	8.7	30.91	40.6	279 10	
105	34	8.8	30.93	39.8	80 52	

[1] Dpl. 3″ maj.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11h			
95	70.27	9.3	22m 36s.61 (½)	15° 52′ 26″.7	81° 38′	3 F.
96	27	9.1	36.71	28.4	81 38	
98	30	9.2	36.71	27.6	278 26	
R. 7	69.33	—	22 38.50 (0.4)	17 4 16.4 (½)	279 32	
R. 10	35	—	38.34 (0.4)	17.4 (½)	279 34	
94	70.27	8.0	38.50	17.4	80 26	
99	30	8.0	38.50	17.9	279 38	
R. 3	69.32	—	22 39.98 (0.3)	15 49 52.2 (½)	278 18	2 F.
96	70.27	9.2	39.94 (½)	53.8 (½)	81 40	
98	30	9.1	39.96	54.3	278 22	
R. 6	69.33	—	23 11.01 (0.4)	16 6 13.4 (½)	*278 36	
100	70.30	5.8	11.08	13.2	278 40	
105	34	6.5 *	11.11	12.7	81 24	* schw. orange
10	69.26	h. 9-10	23 13.41 (½)	18 7 15.3 (½)	280 30	
100	70.30	9.2	13.38	14.5	280 40	
105	34	9.2	13.39	15.4	79 22	
R. 5	69.32	9.4	23 20.84	15 39 41.9	278 8	
R. 1	69.31	—	23 26.87 (0.3)	17 40 24.3 (½)	*280 8	3 F.
94	70.27	8.6	27.01	27.0	79 50	
99	30	8.8	27.01	27.9	280 14	
R. 7	69.33	—	23 37.98 (0.4)	17 44 56.0 (½)	*280 14	
94	70.27	9.1	37.98	56.2	79 44	
99	30	8.8	37.91	56.5	280 18	
R. 9	69.34	—	23 38.52 (½)	14 47 58.1 (½)	*277 16	
95	70.27	9.2	38.38	58.8	82 42	
96	27	9.1	38.50	58.4	82 42	
98	30	8.9	38.46	59.0	277 20	
12	69.26	6	23 57.66 (½)	19 5 50.6 (½)	281 34	
100	70.30	5.7	57.62	52.6	281 38	
105	34	6.4	57.59	53.2	78 24	
10	69.26	s. 9	24 22.15 (½)	19 37 25.3 (½)	282 6	
100	70.30	9.1	22.05	26.0	282 10	
105	34	9.1	22.06	26.1	77 52	
R. 3	69.32	—	24 32.51 (0.3)	19 33 4.4 (½)	282 2	
100	70.30	9.0	32.48	5.0	282 6	
105	34	9.0	32.53	4.2	77 56	
12	69.26	7-8 .. h. 7-8	25 0.23 (½)	18 26 25.6 (½)	280 54	
96	70.27	7.7	0.12 (½)	24.5 (½)	79 3	
101	30	7.2	0.15 (2)	25.0 (2)	280 59[1]	
R. 5	69.32	—	25 17.83 (½)	15 3 38.5 (½)	277 32	Dpl. 16″ maj.
95	70.27	7.5 spl.	17.69 (½)	39.3 (½)	82 26	
98	30	{ 9.1	17.09	52.3	277 36	} Dpl. 20″ 315°
		{ 7.1	17.73	39.1	277 36	
10	69.26	8	25 31.83 (½)	18 50 44.3 (½)	281 20	
94	70.27	8.1	31.85	44.1	78 38	
99	30	7.9	31.85	44.9	281 24	
12	69.26	7-8	26 19.65 (½)	18 41 31.9 (½)	281 10	
94	70.27	7.4	19.56	30.2	78 48	
99	30	7.8	19.58	29.8	281 14	
10	69.26	h. 8	26 41.99 (½)	19 30 35.4 (½)	*282 0	
94	70.27	8.3	42.08	36.5	78 0	
99	30	8.1	42.07	37.2	282 4	
15	69.28	h. 10	26 46.78:: (½)	19 52 6.1:: (½)	282 20	viel zu schwach
96	70.27	9.4	46.68	7.3	77 38	
100	30	9.3	46.77 (½)	8.9 (½)	282 24	
R. 3	69.32	—	27 14.48 (0.3)	19 14 54.2 (½)	281 44	3 F.
94	70.27	9.2	14.48	55.3	78 14	
99	30	9.0	14.56	56.4	281 48	
R. 1	69.31	—	27 17.56 (0.3)	15 10 13.6 (½)	277 38	3 F.
95	70.27	9.4	17.37 (½)	—	82 —	
96	27	9.0	17.58	12.2	82 20	
98	30	9.1	17.55	12.5	277 42	
			11h			
12	69.26	8-9	27m 37s.90 (½)	15° 35′ 1″.3 (½)	278° 4′	
95	70.27	9.0	37.98	0.4	81 54	
98	30	8.8	37.97	0.8	278 8	
R. 5	69.32	8.5	27 47.69 (0.4)	15 23 14.3 (½)	*277 52	
96	70.27	8.7	47.70	14.5	82 6	
98	30	8.7	47.74	13.6	277 56	
100	70.30	9.3	28 8.46	17 28 —	280 —	
105	34	9.1	8.51	38.7	80 0	
15	69.28	h. 6	28 12.05 (½)	17 29 17.0 (½)	279 58	Bem.[2]
100	70.30	{ 8.2	11.90	11.6	280 2	} Dpl. 6″ 220°
		{ 7.3	12.06 (½)	14.4	280 2	
105	34	{ 8.3	11.95	12.7 (½)	80 0	} » 6 220
		{ 7.5	12.04 (½)	15.2 (½)	80 0	
R. 6	69.33	—	28 32.40 (0.4)	16 42 4.2 (½)	279 10	
96	70.27	9.2	32.45	5.7	80 48	
98	30	9.3	32.48	4.0	279 14	
R. 3	69.32	—	28 48.96 (0.3)	16 36 6.2 (½)	279 4	3 F.
96	70.27	9.3	48.85	6.6	80 54	
98	30	9.3	48.80	6.1	279 8	
10	69.26	h. 7-8	29 10.28 (½)	18 33 53.8 (½)	281 2	
94	70.27	7.5[3]	10.17	53.6	78 50	
99	30	7.8	10.17	54.6	281 6	
15	69.28	h. 9	29 36.00 (0.4)	17 4 22.5 (½)	279 34	
100	70.30	9.1	35.95	21.0	279 36	
105	34	8.9	36.03	20.8	80 26	
R. 1	69.31	—	29 45.26 (0.3)	15 23 20.2 (½)	277 52	3 F.
R. 10	35	—	45.36 (0.4)	20.6	277 52	
96	70.27	8.5	45.44	21.0	82 6	
98	30	7.8	45.39	20.4	277 56	
12	69.26	9	29 56.75 (0.4)	19 17 7.7 (½)	281 46	
94	70.27	9.0	56.89	9.0	78 12	
99	30	9.2	56.86	9.2	281 50	
10	69.26	8-9	30 12.13 (½)	19 8 20.4 (½)	*281 36	
94	70.27	8.7	12.09	22.1	78 22	
99	30	8.2	12.14	21.2	281 40	
R. 3	69.32	—	30 23.05 (0.3)	15 24 36.6 (½)	277 54	3 F.
96	70.27	9.2	23.13	37.3	82 6	
98	30	9.2	23.11	36.1	277 58	
12	69.26	s. 8-9	31 16.49 (½)	15 50 0.7 (½)	278 18	
96	70.27	9.0	16.59	1.9	81 40	
98	30	8.8	16.66	0.6	278 22	
15	69.28	s. 8-9	31 28.61 (½)	16 28 7.5 (½)	278 56	
100	70.30	8.8	28.49	8.0	279 0	
105	34	8.7	28.54	8.0	81 2	
101	70.30	9.0	31 29.65	20 1 3.9	282 34	
106	34	schw., W.	29.67	4.1 (:)	77 28	Hgl.-°089 ang.
R. 5	69.32	8.7	31 41.19 (0.4)	15 14 8.8 (½)	277 44	
96	70.27	9.0	41.23	10.1	82 16	
98	30	8.8	41.20	10.7	277 46	
R. 6	69.33	—	32 15.82 (½)	15 20 36.4 (½)	*277 50	
96	70.27	9.1	15.85	37.2	82 10	
98	30	9.0	15.88	37.8	277 54	
R. 1	69.31	—	32 16.86 (0.3)	16 6 39.5 (½)	278 34	3 F.
100	70.30	8.3	16.83	41.7	278 40	
105	34	8.5	16.79	41.1	81 24	
R. 7	69.33	—	32 23.50 (0.4)	17 47 41.7 (½)	280 16	
94	70.27	8.1	23.52	41.5	79 42	
99	30	8.3	23.48	43.1	280 20	

[1] 2 Abl. von 280°58′, 1 von 281° 0′

[2] Com. 7-8m 5″ 225°   [3] In Z. 94 sind nach 11h28m die Grössen wegen zunehmender, zuletzt wieder etwas verminderter Trübung zu schwach geschätzt. Hier ist bereits eine Reduction angebracht; s. Zonen S. 403

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11h			
R.9	69.34	—	32m 38s.33 (0.4)	16° 11' 30".8 (½)	278° 44'	
100	70.30	9.0	38.21	40.9	278 48	
105	34	9.0	38.27	39.8	81 16	
10	69.26	h.8 s.7-8	32 40.44 (½)	18 31 51.4 (½)	281 0	
94	70.27	7.7	40.46	51.5	78 58	
99	30	7.9	40.50	50.1	281 4	
R.10	69.35	—	32 57.68 (½)	17 13 48.8 (½)	*279 42	
100	70.30	8.3	57.54	49.1	279 46	
105	34	8.3	57.57	49.0	80 16	
96	70.27	9.3	33 2.01	14 56 27.3	82 30	
98	30	9.4	2.04	27.4	277 32	
12	69.26	s.8-9	33 5.55 (½)	19 41 33.3 (½)	282 10	
96	70.27	8.6	5.54	33.4	77 48	
99	30	8.5	5.52	34.1	282 14	
15	69.28	s.7-8	33 6.95 (½)	19 41 19.9 (½)	282 10	
94	70.27	7.5	6.86	20.6	77 48	
99	30	7.9	6.82	21.3	282 11	
11	69.26	8	33 9.02 (0.4)	18 35 49.5 (½)	281 4	
101	70.30	8.1	8.96	50.4	281 8	
105	34	8.1	8.97	49.5	78 54	
12	69.26	9	34 1.56 (0.4)	17 20 6.8 (½)	279 58	
R.1	31	—	1.71 (0.3)	7.6 (½)	279 58	3 F
100	70.30	9.1	1.69	6.8	280 2	
105	34	9.2	1.81 (¼)	8.8 (¼)	80 0	etw. uns.
106	34	9 schw.	1.84	6.6	80 0	
13	69.26	s.9	34 2.09 (½)	19 2 58.8 (½)	281 32	
94	70.27	9.0	2.06	59.0	78 26	
101	30	9.1	2.05	58.0	281 36	
11	69.26	8-9...s.8-9	34 18.00 (½)	18 24 21.6 (½)	280 52	
101	70.30	8.6	17.97	21.1	280 58	
106	34	8.7 W.	18.02	20.7	79 6	
R.3	69.32	—	34 20.53 (0.3)	16 57 54.4 (½)	279 26	3 F
95	70.27	9.2	20.40	53.6	80 42	
96	27	9.2	20.47	54.3	80 32	Bel. zu hell
98	30	9.1	20.48	54.3	279 30	
15	69.28	s.8-9	34 20.94 (½)	17 42 42.4 (½)	280 12	
R.5	32	8.3	21.05 (0.4)	42.6 (½)	280 12	
100	70.30	8.9	21.01	43.1	280 16	
105	34	8.9	21.00	41.5	79 46	
14	69.27	s.9	34 51.71 (0.4)	17 42 31.4 (½)	280 12	3 F —[1]
100	70.30	9.1	51.69	30.8	280 16	
105	34	9.1	51.69	29.7	79 46	
12	69.26	s.9	35 9.78 (½)	17 22 45.9 (½)	279 52	Z. R.6: 9m.0
96	70.27	9.2	9.94 (½)	46.8 (½)	80 6	etw. uns.
99	30	9.3	9.92	45.5	279 56	
105	34	9.0	9.95	46.3	80 8	
R.6	69.33	9.0	35 14.95 (0.4)	17 21 56.8 (½)	*279 50	
96	70.27	9.1	15.02	58.8	80 8	
99	30	9.1	14.99	58.0	279 54	
105	34	8.9	14.99	59.2	80 8	
15	69.28	h.9	35 25.10 (0.3)	16 29 37.8 (½)	278 58	3 F
95	70.27	9.0	25.12	38.0	81 0	
98	30	8.8	25.13	38.4	279 2	
10	69.26	s.9-9	35 45.25 (½)	19 19 21.1 (½)	281 48	
101	70.30	9.1	45.22	22.7	281 52	
105	34	9.0	45.27	21.6	78 10	
12	69.26	s.9	36 8.41 (0.4)	19 6 47.3 (½)	281 30	
R.3	32	—	8.36 (0.2)	47.3 (½)	281 36	2 F.
94	70.27	9.1	8.32	49.1	78 22	
96	30	9	8.53	—	281 —	
[illegible]	30	9.2	8.43	47.9	281 40	

[1] Com. 9·10m 15s 200°?

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11h			
15	69.27	h.9	36m 8s.79 (½)	19° 28' 1".7 (½)	281° 56'	
94	70.27	8.8	8.79	2.1	78 2	
101	30	8.7	8.83	1.2	282 0	
11	69.26	s.7	36 15.09 (½)	18 56 6.2 (½)	281 24	
93	70.27	7.1	14.95	7.6	78 34	
100	30	7.6	14.92	6.3	281 28	
10	69.26	8.9	36 58.52 (½)	18 57 4.3 (½)	281 26*	
94	70.27	8.3	58.70	5.8	78 32	
99	30	8.2	58.70	4.3	281 30	
11	69.26	s.9	37 20.15 (0.4)	19 12 57.0 (½)	281 42	
94	70.27	9.0	19.99 (½)	54.9 (½)	78 16	
96	27	9.2	20.04	56.5	78 16	
99	30	9.3	20.06	57.5	281 46	Bem.[2]
13	69.27	7-8	37 20.63 (0.4)	17 0 54.7 (½)	279 30	
95	70.27	8.4	20.71	55.1	80 28	
98	30	8.0	20.59	55.9 (½)	279 34	
12	69.26	s.8-9	37 35.20 (½)	19 52 1.7 (½)	282 20	
96	70.27	9.2	35.22	2.5	77 38	
100	30	9.1	35.24	2.1	282 24	
15	69.28	h.9-10	37 51.86 (½)	15 39 27.9 (½)	278 8	
R.3	32		51.94 (0.4)	26.9 (½)	278 8	3 F.
95	70.27	9.4	51.95 (½)	30.3 (½)	81 50	
96	27	9.3	51.80	28.1	81 50	
98	30	9.4	51.79	28.7	278 12	
204	71.34	9.1	38 32.43	19 45 11.9 (½)	282 18	
205	35	9.3	32.36 (½)	9.5 (½)	77 46	
10	69.26	9	38 34.68 (½)	18 0 47.4 (½)	280 30	
91	70.27	8.9	34.83	46.2	79 28	
99	30	9.1	34.75	49.7	280 34	
11	69.26	h.8-9...s.8	38 35.83 (½)	17 51 16.5 (½)	280 20	
101	70.30	8.0	35.78	15.9	280 24	
13	69.27	s.8	38 36.76 (½)	16 1 40.7 (½)	278 30	schwkd.
95	70.27	8.7	36.82	40.6	81 28	
96	27	8.5	36.80	47.0	81 28	
98	30	8.1	36.80	45.6	278 34	
12	69.26	h.7-8	38 44.31 (½)	14 57 24.4 (½)	277 26	
95	70.27	7.4	44.34	26.3	82 32	
98	30	7.0	44.39	25.6	277 30	
15	69.28	9	38 54.67 (0.4)	16 25 22.0 (½)	278 54	3 F.
100	70.30	9.1	54.48	21.5	278 58	
105	34	8.8	54.50	21.1	81 4	
R.1	69.31	—	38 55.47 (0.4)	16 28 40.5 (½)	278 58	3 F.
100	70.30	9.1, 9.2[3]	55.33	41.6	279 2	Bem.[2]
105	34	9.0	55.36	41.1	81 2	9m.2 10s v. 4' N.
R.3	69.32	—	39 27.42 (0.3)	15 42 58.9 (½)	278 12	3 F.
96	70.27	8.8	27.41	59.1	81 46	
100	30	8.6	27.42	58.6	278 16	
10	69.26	8.9	39 49.47 (½)	19 22 28.7 (½)	281 50	
94	70.27	8.6	49.68	29.9	78 8	
99	30	8.1	49.70	29.8	281 56	
106	34	8.5	49.73	29.6	78 8	
R.5	69.32	—	39 56.32 (0.4)	14 49 3.4 (½)	277 18	
95	70.27	8.7	56.33	3.7	82 40	
98	30	8.3	56.37 (½)	3.8 (½)	277 22	
12	69.26	h.9	40 6.96 (½)	15 39 38.6 (½)	*278 8	
95	70.27	9.1	6.99	38.8	81 50	
96	27	9.1	6.95	37.9	81 50	
98	30	9.1	7.04	37.7	278 12	
15	69.28	h.8	40 23.37 (½)	15 41 45.6 (½)	*278 10	
95	70.27	8.5	23.21	45.4	81 48	
98	30	8.0	23.27	45.7 (½)	278 14	

[2] Com. 9m.6 5s 315   [3] * 2 unabhängige Schätzungen

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11ʰ			
R. 6	69.33	—	40ᵐ32ˢ.88 (0.4)	16°54′16″.3 (½)	279°22′	
100	70.30	8.8	32.98	17.3	279 28	
105	34	8.6	32.90	16.6	80 36	
11	69.26	9-10	40 37.28 (½)	19 45 22.8 (½)	282 14	
94	70.27	9.0	37.32 (½)	19.6: (½)	77 44	
99	30	9.4	37.31	25.6	282 18	
106	34	9.3	37.17	23.4	77 44	
94	70.27	[8.7]	40 43.06	20 0 0.5	77 30	Wolken
99	30	7.9	43.02	2.5	282 32	
10	69.26	h. 9	40 48.57 (0.4)	18 33 6.2 (½)	281 2	
R. 3	32	—	48.64 (0.2)	5.8 (½)	281 2	2 F.
101	70.34	8.7	48.59 (½)	6.1 (½)	281 6	
105	34	8.3	48.61	6.1	78 56	
204	71.34	9.0	41 1.29	15 16 23.6	277 50	
11	69.26	9-10	41 51.51: (0.3)	17 26 24.2 (½)	279 54	3 F.
96	70.27	9.3	51.97	25.5	80 4	
100	30	9.2	51.93	26.2	280 0	
205	71.35	9.8*	42 10.30	17 32 22.5	79 58	* kaum sichtb.
R. 6	69.33	—	42 12.74 (0.4)	14 58 44.0 (½)	277 28	
101	70.30	6.5	12.72	44.4 (½)	277 32	
105	34	6.0	12.81	43.1	82 30	
15	69.28	h. 8 -- s. 7-8	42 24.30 (½)	19 31 5.2 (½)	282 0	
102	70.31	8.0	24.31	5.4	282 4	
105	35	7.8	24.29	3.3	77 58	
R. 8	69.34	—	42 30.75 (0.4)	19 27 12.8 (½)	281 56	Fäd. st. schl.
103	70.31	9.1	30.69	12.4	282 0	
105	34	8.9	30.73	13.2	78 2	
R.10	69.35	—	42 32.66 (0.4)	15 12 3.3 (½)	277 40	
93	70.26	8.0	32.69	3.2	82 18	
100	30	8.3	32.71	4.5	277 44	
R. 9	69.34	—	42 34.89 (½)	16 49 35.1 (½)	279 18	
101	70.30	7.1	34.81	37.1	279 22	
110	37	s. 7	34.83	37.6 (½)	80 40	
R.12	69.36	—	42 37.97 (0.4)	15 55 27.4 (½)	278 24	
98	70.30	8.8	38.05	28.9	278 28	
106	34	8.4	38.13	28.4	81 34	
*						
R.11	69.36	—	42 47.19 (½)	16 56 22.7 (½)	*279 26	
110	70.37	h. 7	47.25	23.4 (½)	80 34	
204	71.34	7.3	47.16	21.7 (½)	279 30	
11	69.26	h. 8-9	42 59.79 (½)	18 55 49.6 (½)	281 24	
103	70.31	8.2	59.79	49.7	281 28	
109	37	schw.	59.77	50.2	78 34	Hgl.—ˢ.045 ang.
R.12	69.36	—	43 7.73 (0.4)	17 17 28.3 (½)	*279 46	
103	70.31	8.9	7.81	29.0	279 50	
110	37	9	—	30.4	80 12	
201	71.27	9.0	7.87	31.2	80 14	
203	30	9.0	7.81	30.2	279 50	
R. 8	69.34	—	43 11.52 (0.5)	19 37 55.1 (½)	282 6	3 F.
102	70.31	[8 ±]	11.47	55.8	282 10	
106	34	8.0	11.46	55.7	77 52	
102	70.31	9.3	43 26.20	19 37 8.2	282 10	
106	34	9.3	26.41	6.0 (½)	77 52	
R.10	69.35	—	43 38.75 (0.3)	18 34 45.8 (½)	281 4	3 F.
93	70.26	9.0	38.62	46.5	78 56	
100	30	9.0	38.52	47.0	281 8	
R. 6	69.33	—	44 12.91 (0.4)	16 25 34.4 (½)	278 54	
98	70.30	8.9	13.01	32.9	278 58	
105	34	8.5	13.04	33.0	81 4	

* Nr. 4528: β Leonis, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11ʰ			
11	69.26	s. 9	44ᵐ22ˢ.05 (½)	19°19′15″.5 (½)	281°48′	
94	70.27	8.8	21.84 (½)	15.6 (½)	78 10	etw. uns.
96	27	9.2	21.76	15.2	78 10	
99	30	9.2	21.78	17.4	281 52	
R. 8	69.34	—	44 27.41 (0.3)	17 4 47.0 (½)	279 34	3 F.
93	70.26	9.1	27.50	45.8	80 26	
100	30	9.2	27.59	46.5	279 38	
204	71.34	9.8	44 31.92	18 38 8.6	281 12	
205	35	9.8	31.88	11.6	78 52	
15	69.28	s. 8-9	44 36.38 (½)	19 33 7.9 (½)	282 2	
94	70.27	8.5	36.28	5.1	77 56	
99	30	8.9	36.26	4.9	282 6	
10	69.26	s. 8	45 41.14 (½)	19 27 41.5 (½)	281 56	
93	70.26	8.0	41.16	40.8	78 2	
100	30	8.5	41.25	41.2 (½)	282 0	
98	70.30	9.3	45 54.82	14 55 56.9	277 28	
11	69.26	8-9	45 58.50 (½)	19 38 48.2 (½)	*282 8	
94	70.27	8.7	58.49	49.0	77 50	
99	30	9.1	58.54	48.1	282 12	
13	69.27	h. 9	45 58.56 (½)	15 9 12.1 (½)	*277 38	Z.105: 8ᵐ.5[1]
96	70.27	9.0	58.67	11.1	82 20	9ᵐ.0 3′s.v.
98	30	9.0 sic	58.69	12.7 (½)	277 42	
12	69.26	h. 8	46 3.51 (½)	16 32 43.4 (½)	279 0	
96	70.27	8.1	3.70	43.0	80 56	
98	30	8.2	3.70	42.7 (½)	279 6	
15	69.28	9	46 12.67 (½)	14 54 33.3 (½)	277 24	
96	70.27	9.0	12.65	35.0	82 34	15°2386 9ᵐ
98	30	8.9	12.75	33.7	277 28	
R. 6	69.33	—	46 19.59 (0.4)	16 8 0.7 (½)	278 36	
101	70.30	7.1	19.63 (½)	2.9 (½)	278 40	
105	34	7.0	19.66	1.5 (½)	81 22	
R. 3	69.32	—	46 29.55 (0.2)	16 26 43.6 (½)	278 56	2 F.
R.11	36	—	29.50 (0.4)	43.2 (½)	278 56	
93	70.26	8.7	29.45	43.3	81 4	
100	30	9.0	29.40	43.4	279 0	
16	69.29	8-9	46 —	17 32 42.8 (½)	280 2	
R. 8	34	—	45.02 (0.4)	43.0 (½)	**280 2	
94	70.27	8.2	45.01	43.1	79 58	
99	30	8.3	44.96	43.3	280 6	
204	71.34	8.4	44.89	43.3	280 6	
R. 1	69.31	—	46 58.96 (0.3)	16 40 43.2 (½)	279 10	3 F.
96	70.27	9.0	58.97	43.2	80 48	
100	30	8.7	58.93	42.8 (½)	279 14	
10	69.26	h. 9	47 18.56 (½)	19 28 22.2 (½)	**281 56	
93	70.26	8.8	18.58	22.0	78 2	
101	30	9.0	18.59	21.4 (½)	282 0	
12	69.26	s. 8-9	47 30.21 (½)	16 36 17.1 (½)	279 4	
96	70.27	8.9	30.20	16.7	80 54	
100	30	8.9	30.26	16.8 (½)	279 10	
204	71.34	9.3	47 35.36	17 32 45.0	280 6	
205	35	9.4	35.37	42.6	79 58	
16	69.29	8	47 —	18 51 57.2 (½)	281 20	
R. 9	34	8.0	41.58 (0.4)	56.3 (½)	*281 20	
94	70.27	7.6	41.59	57.2	78 38	
99	30	8.0	41.56	57.3	281 24	
205	71.35	9.3	47 52.89	19 55 39.4	77 34	Cat.-Nr. 4555
204	71.34	9.7	47 52.89	16 5 16.4	278 38	Cat.-Nr. 4554
205	35	9.7	52.97	15.2	81 24	
11	69.26	9	47 58.02 (½)	19 36 51.9 (½)	282 6	
93	70.26	9.0	57.85	51.5	77 54	
101	30	9.1	57.91	53.0	282 10	

[1] 9ᵐ.2 3ˢ.5 v. 3′S.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11ʰ			
13	69.27	9	48ᵐ 3ˢ.69 (½)	18° 16′ 38″.5 (½)	*280° 46′	
94	70.27	8.8	3.80	40.0	79 12	
99	30	9.0	3.77	39.9	280 50	
15	69.28	9	48 [8.66::]	18 34 30.6::(¼)	281 4	2 F.
93	70.26	8.9	8.06	29.8 (¼)	78 56	
101	30	9.1	8.07 (¼)	29.8 (¼)	281 8	
R. 3	69.32	—	48 8.44(0.3)	14 50 51.9 (¼)	277 20	3 F.
96	70.27	8.2	8.42	53.4	82 38	
98	30	8.0*	8.43	53.0	277 24	* 8.6 ?
12	69.26	h. 9	48 43.97 (½)	15 4 57.3 (½)	277 34	
98	70.30	9.0	43.96	58.6 (¼)	277 38	
105	34	8.9	43.99 (2)	58.5 (2)	82 24	
202	71.28	9.6	48 46.38	15 21 58.8	82 8	nur 2 F. leidl.
204	34	9.4	46.16	22 1.5	277 56	Bel. e. z. hell
204	71.34	9.5	48 47.13	17 25 3.5	279 58	
205	35	9.5	47.18	5.6	80 6	
16	69.29	9	48 —	15 48 23.0 (½)	278 18	
R. 6	33	—	57.20(0.4)	21.7 (¼)	*278 16	
96	70.27	8.6	57.12	22.8	81 42	
98	30	8.2	57.11	23.2	278 20	
11	69.26	s. 6	49 14.88 (½)	16 20 31.5 (½)	278 50	
R.12	36	—	14.76(0.3)	33.2 (¼)	278 50	3 F.
94	70.27	5.8	14.65	33.0	81 10	
99	30	6.2	14.72	33.2	278 54	
202	71.28	9.7	49 20.12	15 45 15.1	81 46	
204	34	9.4	20.39	16.8	278 18	
12	69.26	h. 8-9	49 46.58 (½)	16 25 33.9 (½)	278 54	
R. 5	32	—	46.75(0.3)	34.3 (¼)	278 54	3 F.
93	70.26	8.1	46.78	32.9	81 4	
100	30	8.2	46.81	33.3 (¼)	278 58	
R. 1	69.31	—	50 1.52(0.2)	14 52 55.8 (¼)	277 22	2 F.
R.11	36	—	1.70 (½)	56.1 (¼)	*277 22	
96	70.27	7.5	1.54	57.4 (¼)	82 37	
98	30	7.0	1.60 (½)	57.0 (¼)	277 26	
13	69.27	h. 9	50 41.25 (½)	15 52 46.6 (½)	*278 22	
96	70.27	9.1	41.21	47.2	81 38	
98	30	9.0	41.20	48.2	278 26	
202	71.28	9.6	50 57.67	15 43 16.4	81 48	
204	34	9.4	57.77	16.7	278 16	9ᵐ.4 f. 1ˢ 3′ S.
10	69.26	h. 9	51 0.45 (½)	19 4 25.9 (½)	281 32	
93	70.26	9.0	0.58	25.2	78 26	
100	30	9.2	0.57	25.6	281 38	
12	69.26	8-9	51 13.31 (½)	17 7 34.9 (½)	279 36	
94	70.27	8.4	13.37	36.4	80 22	
99	30	9.0	13.35	36.4	279 40	
11	69.26	6-7	51 17.88 (½)	18 9 49.3 (½)	280 38	
R.12	36	—	17.72(0.4)	49.5 (¼)	280 38	
93	70.26	7.2	17.73	47.5	79 20	
100	30	7.1	17.72 (¼)	48.8 (¼)	280 42	
R. 1	69.31	—	51 36.48(0.3)	14 43 51.0 (¼)	277 12	3 F.
R. 3	32	—	36.53(0.3)	52.2 (¼)	277 12	3 F.
94	70.27	7.9	36.55	53.2	82 46	
99	30	8.1	36.52	52.5	277 16	
202	71.28	9.5	52 27.11	16 30 58.4	81 0	
204	34	9.3	27.22	59.2 (¼)	279 4	
11	69.26	9	52 30.40 (½)	15 57 43.3 (½)	278 26	
94	70.27	8.6	30.37	43.9	81 32	
98	30	8.8	30.43 (2)	42.8	278 30	
202	71.28	9.5	52 40.27	18 2 51.7	79 28	18°2548 9ᵐ.6
204	34	9.3	40.39 (¼)	53.1 (¼)	280 36	» 9.5
10	69.26	s. 9	52 52.75 (½)	18 32 25.6 (½)	281 0	
93	70.26	9.2	52.75	23.9	78 58	
99	30	9.2	52.77	25.0	281 4	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11ʰ			
R. 6	69.33	9.3	53ᵐ 8ˢ.75(0.4)	18° 50′ 21″.4 (¼)	281° 18′	
93	70.26	9.2	8.40	22.0	78 40	
100	30	9.3	8.38	24.5	281 22	
12	69.26	s. 8-9	53 8.74 (½)	18 49 50.9 (½)	281 18	Bem. [1]
R. 3	32	—	8.91(0.3)	49.2 (¼)	281 18	3 F. — Dpl. 35″
93	70.26	9.0	8.86	49.7	78 40	
100	30	9.2	8.93	49.6	281 22	
11	69.26	h. 9	53 41.01 (½)	18 36 58.2 (½)	281 6	
93	70.26	8.5	41.03	59.0	78 52	
99	30	8.9	41.00	59.5	281 10	
13	69.27	s. 8	53 50.17 (½)	17 18 2.4 (¼)	**279 46	
R.12	36	—	50.01(0.4)	2.6 (¼)	279 46	
94	70.27	8.5	50.06	2.7	80 12	
98	30	8.2	50.09	2.4	279 50	
10	69.26	s. 7-8	54 13.20 (½)	19 1 52.2 (½)	281 30	
93	70.26	8.0	13.28	51.8	78 28	
99	30	8.0	13.21	52.4	281 34	
12	69.26	s. 8-9	54 53.56 (½)	16 33 5.0 (½)	*279 2	
R. 3	32	—	53.61(0.3)	5.5 (¼)	279 2	3 F.
94	70.27	8.8	53.74	4.0	80 56	
98	30	8.7	53.71	4.0	279 6	
11	69.26	9-10	55 2.38::(½)	19 52 40.4::(½)	282 20	3 F.
93	70.26	9.0	2.47	42.5	77 38	
99	30	9.3	2.47	43.3	282 26	
94	70.27	8.7	55 58.19	19 58 11.4	77 32	
99	30	9.0	58.24 (¼)	12.6 (¼)	282 30	
10	69.26	h. 9	56 9.17 (½)	19 13 40.2 (½)	281 42	
94	70.27	8.9	9.12	41.4	78 16	
98	30	9.0	9.22	41.2	281 46	
202	71.28	9.6	56 17.02	15 16 22.1	82 14	9ᵐ.8 f. 6ˢ 0′.5 N.
204	34	9.3	16.99	23.1 (¼)	277 50	9ᵐ.5 f. 7ˢ 0′.5 N.
202	71.28	9.5	56 21.03	16 5 45.5	81 24	
204	34	9.4	21.25	44.6 (¼)	278 38	16°2330 9ᵐ.5
11	69.26	8-9	56 24.28 (½)	15 28 35.1 (½)	*277 58	
R. 3	32	—	24.35(0.3)	34.8 (¼)	277 58	3 F.
93	70.26	9.0	24.33	33.4	82 2	
98	30	8.9	24.32 (¼)	34.5 (¼)	278 2	
10	69.26	s. 7-8	57 37.22 (½)	19 30 51.2 (½)	282 0	s. unr.
R. 3	32	—	37.49(0.2)	49.4 (¼)	282 0	
93	70.26	7.5	37.40	49.7	78 0	
98	27	7.5	37.40	50.7 (¼)	282 4	
R. 6	69.33	—	58 18.48 (½)	16 57 56.7 (¼)	279 26	
94	70.27	7.7	18.45	57.4	80 32	
99	30	8.0	18.39	58.2	279 30	
15	69.28	8	58 32.96 (½)	18 10 48.7 (½)	280 40	
96	70.27	8.5	32.98	47.8	79 18	
100	30	8.5	33.10	48.4	280 44	
R. 9	69.34	—	58 50.23 (½)	15 32 50.4 (¼)	278 2	
98	70.30	8.5	50.16	50.5	278 6	Bem. [2]
105	34	8.4	50.17	50.5	81 56	
R.10	69.35	—	59 2.13(0.4)	17 59 14.0 (¼)	280 28	
101	70.30	7.8	2.12	14.2	280 32	
106	34	7.8	2.02	14.6	79 30	
R. 3	69.32	—	59 35.86(0.3)	17 28 18.8 (¼)	279 58	3 F.
100	70.30	8.0	35.89	18.4	280 2	
106	34	8.0	35.74 (¼)	19.1 (¼)	80 1	
15	69.28	s. 8	59 59.53(0.6)	18 53 47.5 (½)	281 22	
93	70.26	8.3	59.42	49.3	78 36	
100	30	8.6	59.43	48.5	281 26	

[1] Com. 9ᵐ 40ˢ 345° ± (Nr. 4578) [2] Beleuchtung theilweise zu schwach

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
R.6	69.33	—	0m 40s.35	15° 47' 47".8 (½)	278° 16'	
98	70.30	9.2	40.17	48.2	278 22	
105	34	9.0	40.17	47.1	80 32	
R.9	69.34	—	1 51.30	18 18 13.1 (½)	280 48	
101	70.30	9.0	51.41 (½)	13.2 (½)	280 50	
106	34	8.8 gelb	51.34	12.4	79 12	
107	35	8.8	51.44 (2)	12.8 (2)	79 12	
15	69.28	h.9	1 5.68	18 5 27.3 (½)	280 [illegible]	
93	70.26	9.1	5.78	28.3	79 24	
101	30	9.2	5.78 (½)	29.2 (½)	280 38	
R.3	69.32	—	1 8.37	18 25 40.2 (½)	280 52	3 F.
98	70.30	8.6	8.21	41.6	281 50	
105	34	8.4	8.18	40.2	79 4	
16	69.29	9	1 —	19 38 50.5 (½)	282 8	
R.10	35	—	26.93	50.8 (½)	282 8	
102	70.31	9.1	26.88	51.4	282 11	
106	34	8.6	26.95	50.4	77 52	
R.11	69.36	—	1 48.14 (½)	17 23 55.2 (½)	*279 22	
93	70.26	9.1	48.15	55.1	80 6	[illegible]
102	31	9.3	48.04	55.6	279 50	
15	69.28	h 9-10	2 7.25	17 37 49.6 (¼)	280 [illegible]	3 F.
98	70.30	9.3	7.14	50.1	280 6	
105	34	9.0	7.10	49.6	79 50	[illegible]
11	69.26	9-10	2 [21.37]	17 35 [51.4]	280 4	
93	70.26	9.3	21.37	54.0	79 54	
102	31	9.2	21.40	54.1	280 8	
13	69.27	7	2 50.23 (½)	17 52 58.8 (½)	280 22	
103	70.31	7.2	50.09 (½)	57.0 (½)	280 20	
106	34	7.3	50.10 (½)	59.0 (½)	79 37	
R.6	69.33	—	2 51.50	15 31 37.2 (½)	278 0	
98	70.30	8.0	51.54	38.3	278 4	
105	34	7.9	51.51	38.9	81 58	
R.3	69.32	—	2 56.87	16 6 45.8 (½)	278 36	
98	70.30	9.0	56.84	46.1	278 40	
105	34	9.0	56.74	45.3	81 22	
R.8	69.34	—	3 9.30	17 6 19.5 (½)	279 34	[illegible]
93	70.26	9.1	9.41	19.2	80 24	
102	31	9.2	9.39	18.0	279 38	
15	69.27	7	3 45.47	17 7 23.2 (½)	279 36	
93	70.26	7.5	45.34	23.5	80 22	
102	31	7.2	45.33	24.7	279 40	
11	69.26	9-10	3 [51.23±]	19 39 [45±]	282 8	
103	70.31	9.2	51.15	49.3	282 12	
106	34	9.2	51.22	49.3 (½)	77 50	[illegible]
16	69.29	h.9	3 —	15 13 25.3 (½)	277 42	
R.9	34	—	51.73	22.8 (½)	277 42	
98	70.30	8.8	51.75	22.8	277 40	
105	34	9.0	51.74	23.4	82 16	
13	69.27	s.8	3 54.51	17 4 10.7 (½)	279 32	
93	70.26	8.2	54.61	8.8	80 26	
102	31	8.7	54.70	10.0	279 36	
R.6	69.33	—	4 9.46	17 30 17.3 (½)	279 58	
102	70.31	6.5	9.30	17.2	280 2	
107	35	7.0	9.29 (½)	17.8 (½)	80 0	
16	69.29	s.8-9	4 —	15 7 14.6 (½)	277 36	
R.3	32	—	37.69	12.1 (½)	277 36	3 F.
98	70.30	8.3	37.73	13.0	277 40	
105	34	8.4	37.78	12.7	82 22	
15	69.28	7-8	4 40.44	19 19 19.2 (½)	281 48	
103	70.31	8.1	40.35	17.5	281 52	
106	34	8.1	40.38	17.7	78 10	
11	69.26	9-10	4 58.40	17 31 2.0 (½)	280 0	3 F.
93	70.26	9.1	58.53	4.6	79 58	
102	31	9.2	58.44	4.1	280 4	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
13	69.27	9	5m 14s.12	15° 19' 20".6 (½)	277° 48'	
98	70.30	9.3	14.24	19.2	277 52	
105	34	9.2	14.13	17.9	82 10	
R.2	69.32	—	5 36.80	14 45 59.3 (½)	277 14	3 F.
102	70.31	9.2	36.88	46 1.2	277 18	
106	34	9.0	36.86	45 59.0	82 44	14° 2470 [illegible]
11	69.26	s.8-9	6 24.18	19 13 51.0 (½)	281 42	
93	70.26	9.0	24.27	49.9	78 16	
102	31	9.0	24.30	49.8 (½)	281 46	
13	69.27	s.9	6 28.[illegible]	18 3 2.4 (½)	280 32	
R.3	32		27.36	0.9 (½)	*280 32	3 F.
93	70.26	9.2	28.01	1.5	79 20	
105	34	9.2	28.10	2.3	280 36	
16	69.29	9	6 —	15 12 41.2 (½)	277 42	
R.6	33		29.52	40.9 (½)	277 40	
98	70.30	9	29.52 (½)	40.2 (½)	277 46	
105	34	8.8	29.63	38.4	82 16	
15	69.28	h.9	6 35.06	19 40 11.7 (½)	282 8	
100	70.31	9.2	35.53	11.9	77 50	
202	71.34	8.8	35.06 (½)	12.6 (½)	282 14	
11	69.26	7-8	7 —	17 52 39.6 (½)	**280 22	
R.1	33		8.26	39.8 (½)	*280 20	
102	70.31	7.3	8.33	38.8	280 26	
106	34	7.2	8.26	40.4	79 38	
13	69.27	8.6	7 26.82	16 9 36.4 (½)	278 38	
103	70.31	9.1	26.85	39.0	278 42	
106	34	8.6	26.85	34.7	81 20	
11	69.26	9-10	7 [30.71]	19 4 [14±]	281 34	2 F.
93	70.26	9.3	30.60	17.6	78 26	
105	34	9.4	30.26	17.4 (½)	281 36	
15	69.28	8.9	8 5.49 (½)	17 32 14.8 (½)	280 0	
102	70.31	8.9	5.53 (½)	15.2	280 4	1 F.
103	31	9.2	5.57	13.6	280 4	
106	34	9.1	5.44	14.4	79 58	
93	70.26	8.1	8 33.03	19 56 7.7	77 34	
102	31	8.1	33.03	7.6	282 28	
11	69.26	h.9	8 39.81	14 57 36.5 (½)	277 26	3 F.
98	70.30	9.1	39.81	37.4 (½)	277 30	
105	34	8.7	39.80	36.1	82 32	
13	69.27	s.6-7	8 52.29 (½)	17 30 7.0 (½)	*280 4	
93	70.26	7.1	52.28	6.4	79 54	
102	31	6.5	52.30	7.7	280 8	
15	69.28	9	9 36.40 (½)	15 11 15.7 (½)	*278 12	
98	70.30	9.1	36.45	15.9 (½)	278 16	
105	34	9.1	36.52	14.3	81 46	
11	69.26	5	9 39.32	15 35 42.3 (½)	278 4	
98	70.30	5.9	39.37	41.2	278 8	
105	34	hell	39.40 (½)	41.2	81 54	3 F.
106	34	[illegible]	39.34	42.3	81 54	
R.3	69.32	—	10 12.03	14 51 11.9 (½)	*277 20	3 F.
98	70.30	9.2	12.13	12.4	277 24	
106	34	9.3	12.14	12.2	82 38	
11	69.26	h.8	11 15.78 (½)	15 8 20.0 (½)	277 36	
98	70.30	8.1	15.83	20.5	277 42	
106	34	8.2	15.68	20.8	82 22	
13	69.27	s.6-7	11 22.87 (½)	15 50 27.1 (½)	278 18	
98	70.30	7.0	22.86	27.6 (½)	278 24	
106	34	6.5	22.69	27.5 (½)	81 40	
15	69.28	8	11 31.00 (½)	15 42 48.8 (½)	278 12	
93	70.26	8.0	30.87 (½)	48.9	81 46	
102	31	8.7	30.83	49.7 (½)	278 16	
10	69.26	s.7-8	11 43.88 (½)	19 7 48.2 (½)	281 36	
93	70.26	7.4	43.81	48.4	78 22	
102	31	8	43.85	48.0	281 40	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
16	69.29	s. 9	11m —	19° 42' 28".6 (½)	282° 12'	
103	70.31	9.3	59s.87	26.9	282 14	
107	35	9.2	59.82	26.0	77 48	
16	69.29	8-9	12 —	19 50 33.0 (½)	282 20	
R. 8	34	—	3.76 (½)	32.1 (¼)	282 20	
102	70.31	8.7	3.71	31.7	282 24	
107	35	8.1	3.73	32.0	77 40	
11	69.26	7-8	12 26.88 (½)	19 51 47.5 (½)	282 20	
93	70.26	8.0	26.92	48.3	77 38	
102	31	8.5	26.93	48.2	282 24	
13	69.27	h. 8-9	12 37.19 (½)	18 1 24.3 (½)	*280 30	
93	70.26	8.3	37.24	25.8	79 28	
102	31	8.7	37.26	24.9	280 34	
15	69.28	s. 7	12 47.46 (½)	17 14 53.3 (½)	279 44	
103	70.31	7.2	47.44	53.1	279 48	
107	34	7.5	47.40	53.2	80 14	
R. 3	69.32	—	12 59.28 (0.4)	15 14 14.8 (¼)	277 44	
98	70.30	7.1	59.45	16.3	277 48	
106	34	6.9	59.48	17.4	82 16	
10	69.26	8	13 1.88 (½)	18 25 29.1 (½)	280 54	
103	70.31	8.0	1.95	30.7	280 58	
108	36	8.0	1.85	30.8	79 4	
16	69.29	8	13 —	17 30 28.7 (½)	280 0	
R. 9	34	—	28.66 (0.4)	29.2 (¼)	280 0	
103	70.31	7.8	28.67	28.0	280 2	
108	36	8.0	28.60	27.8	80 0	
R. 8	69.34	—	13 30.42 (½)	15 4 39.2 (¼)	*277 34	
98	70.30	8.9	30.48	39.5 (½)	277 38	
106	34	8.8	30.43	38.4	82 26	
11	69.26	8	13 42.78 (½)	17 58 46.7 (½)	280 28	
93	70.26	8.2	42.85	47.5	79 32	
102	31	8.7	42.84	47.0	280 32	
R. 6	69.33	—	13 46.24 (0.4)	16 24 40.6 (¼)	*278 54	
103	70.31	8.1	46.20	41.3	278 56	
107	35	8.0	46.15	40.6 (½)	81 4	
15	69.28	h. 9	14 20.29 (½)	15 50 19.8 (½)	278 18	
98	70.30	8.9	20.37	19.5	278 24	
106	34	9.0	20.38	18.6	81 40	
10	69.26	s. 4-5	14 23.96 (½)	18 29 1.0 (½)	280 58	
108	70.36	5.7	24.06 (½)	0.0 (½)	79 0	
204	71.34	[6.0]*	24.06	1.4	281 2	* st. dunst. — [1]
R. 3	69.32	—	14 28.67 (0.3)	16 14 5.6 (¼)	**278 42	3 F.
108	70.36	7.3	28.67	6.4	81 16	
204	71.34	7.4*	28.69	5.4 (½)	278 48	* dunstig
16	69.29	9	14 —	17 41 5.0 (½)	280 10	
R. 10	35	—	36.73 (½)	4.8 (¼)	280 10	
103	70.31	9.0	36.85	4.8	280 14	
107	34	8.9	36.75	5.0	79 48	
16	69.29	9-10	14 —	18 23 34.7 (½)	280 52	
R. 9	34	—	38.22 (0.3)	34.0 (¼)	*280 52	3 F.
93	70.26	9.0	38.25	35.5	79 6	
102	31	9.3	38.34	33.5	280 56	
13	69.26	9	14 42.57 (½)	18 2 51.9 (½)	280 32	
93	70.26	9.0*	42.60	50.8	79 26	* nicht heller
102	31	9.2	42.52	51.3	280 36	
15	69.28	s. 9	15 35.75 (½)	15 32 30.7 (½)	278 2	
98	70.30	9.1	35.79	31.0	278 6	
106	34	9.1	35.82	29.8	81 58	15°2455 9m.5
11	69.26	h. 7	15 42.70	17 26 23.6	279 54	
108	70.36	7.4	42.52	22.0 (½)	80 4	
204	71.34	7.3*	42.61 (½)	21.8 (½)	280 0	* dunstig?

[1] Dunkelgelb

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
10	69.26	9-10	15m 56s.17 (0.4)	19° 17' 36".9 (½)	281° 46'	
103	70.31	9.1	56.21	37.1	281 50	
108	36	9.2	56.20 (½)	39.1 (½)	78 12	schwierig
109	37	schw.*	56.21 (2)	38.3 (½)	78 12	* Wolken?
13	69.27	s. 8	16 14.24 (½)	17 3 18.7 (½)	279 32	
107	70.35	9.1	14.34	19.1	80 26	
204	71.34	9.1*	14.41	19.3	279 36	* dunstig?
15	69.28	h. 8	16 39.36 (½)	16 56 16.9 (½)	279 26	
102	70.31	8.6	39.32	16.5	279 28	
107	34	8.2	39.35	16.6	80 34	
11	69.26	s. 8-9	16 47.54 (½)	19 50 16.2 (½)	282 18	
103	70.31	8.8	47.51	14.9	282 22	
107	35	9.0	47.44	14.9	77 40	
10	69.26	s. 8-9	17 12.11 (½)	18 2 54.5 (½)	280 32	
93	70.26	8.7	12.12	53.8	79 26	
102	31	9.1	12.15	55.5	280 36	
R. 3	69.32	—	17 34.18 (0.2)	14 49 51.0 (¼)	277 18	2 F.
98	70.30	9.1	34.56	51.9	277 22	
106	34	9.1	34.54	51.3	82 40	
R. 5	69.32	—	17 35.01 (½)	16 18 39.2 (¼)	278 48	
93	70.26	8.6	35.03	39.3	81 10	
102	31	8.9	34.99	40.6	278 52	
R. 6	69.33	—	17 35.77 (½)	14 44 58.7 (¼)	*277 14	
98	70.30	9.1	35.80	59.1	277 18	
106	34	9; 9.0*	35.76	58.6	82 44	Bem. [2]
13	69.27	s. 8-9	17 37.93 (½)	17 7 8.6 (½)	279 36	
93	70.26	8.8	37.93	7.5	80 22	
102	31	8.9	37.85	8.2	279 40	
15	69.28	8-9	18 3.32 (½)	17 2 7.6 (½)	279 30	
93	70.26	8.7	3.40	8.6	80 28	
102	31	9.1	3.38	9.0	279 34	
16	69.29	s. 9	18 —	15 11 51.4 (½)	277 40	
R. 8	34	—	7.23 (½)	47.0 (¼)	*277 40	
98	70.30	9.0	7.39	49.5	277 44	
106	34	9.0	7.33	48.7	82 18	
10	69.26	s. 7-8	18 17.02 (0.4)	19 21 40.9 (½)	281 50	
103	70.31	8.2	17.53	42.5	281 54	
107	35	8.0	17.59	41.5	78 8	
11	69.26	s. 8	18 21.27 (0.4)	18 32 57.8 (½)	281 2	
103	70.31	8.3	21.21	57.1	281 6	
107	35	8.0	21.30	58.3	78 56	
13	69.27	—	18 35.21 (0.2)	16 53 —	279 —	2 F.
16	29	8	—	13.8 (½)	279 22	
103	70.31	8.0	35.33	15.4	279 26	
108	36	8.2	35.26	15.0	80 36	
13	69.27	s 8 — h. 8-9	19 8.18 (0.4)	16 51 51.4 (½)	279 20	
R. 3	32	—	8.27 (0.3)	51.4 (¼)	279 20	3 F.
103	70.31	8.2	8.18	53.1	279 24	
108	36	8.4	8.24	52.0	80 38	
10	69.26	8-9	19 15.42 (0.4)	19 33 38.8 (½)	282 2	
107	70.35	8.5	15.33	40.2 (½)	77 56	
204	71.34	8.4	15.30	38.9	282 6	
11	69.26	h. 7	19 43.98 (½)	16 33 20.7 (½)	279 2	
103	70.31	7.0	43.98 (½)	21.7 (½)	279 6	
108	36	7.2	43.99	22.1	80 56	
15	69.28	h. 9	20 5.33 (½)	17 2 53.4 (½)	279 32	
93	70.26	9.0	5.45	52.4	80 26	
102	31	9.1	5.46	54.7	279 36	
13	69.27	h. 8-9	20 10.58 (0.4)	15 15 52.5 (½)	277 44	
98	70.30	8.0	10.57	53.5	277 48	
106	34	7.9	10.59	53.0	82 14	

[2] * 2 unabhängige Schätzungen

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
10	69.26	s. 8-9	20m12s.24 (½)	19° 34′ 55″.8 (½)	282° 4′	
93	70.26	8.9	12.29	54.7	77 54	
102	31	9.0	12.18	55.7	282 8	
108	70.36	9.1	20 26.98 (½)	16 27 14.8 (½)	81 2	
204	71.34	9.1	26.94	15.9	279 0	
R. 3	69.32	—	20 33.64 (0.3)	14 44 13.4 (¼)	277 12	3 F.
98	70.30	8.4	33.58	14.1	277 16	
106	34	8.5	33.66	14.5	82 46	
R. 5	69.32	—	20 34.58 (½)	16 10 12.6 (¼)	278 38	
103	70.31	9.3	34.64	13.8	278 42	
107	35	9.0	34.63	14.9	81 20	
10	69.26	7-8	21 15.07 (½)	18 31 38.9 (½)	281 0	
107	70.35	7.2	15.12	38.5	78 58	
204	71.34	7.6	15.07	38.0	281 4	
93	70.26	9.2	21 18.29	20 3 11.9	77 26	
201	71.27	9.3	18.28	12.5	77 28	
203	30	9.3	18.33	11.7	282 36	
13	69.27	h. 9	21 24.14 (0.4)	14 56 45.5 (½)	*277 26	
98	70.30	9.1	—	46.1	277 –	
106	34	9.2	23.99	46.6	82 32	Bel. e. z. hell
204	71.34	9.0	24.04	46.1	277 30	
15	69.28	s. 9	21 39.97 (0.1)	19 29 40.7 (½)	281 58	
93	70.26	9.0 sic	40.06	40.0	78 0	
102	31	9.4	40.07	40.5	282 2	
11	69.26	h. 8	21 47.57 (½)	19 1 21.4 (½)	281 30	
102	70.31	8.3	47.47	21.6	281 34	
107	35	8.2	47.57	22.6	78 28	
R. 6	69.33	—	21 52.08 (0.4)	16 18 35.0 (¼)	278 48	
108	70.36	8.4	52.04	35.1	81 10	
201	71.27	8.3	51.99	34.7	81 12	
203	30	8.4	52.02	35.8	278 52	
R. 8	69.34	—	21 52.49 (½)	15 56 41.6 (¼)	278 26	
98	70.30	8.5	—	41.2	278 –	
106	34	8.2	52.47	41.6	81 32	
204	71.34	8.5	52.40	40.4	278 30	
R. 3	69.32	—	21 57.98 (0.3)	17 44 18.4 (¼)	280 12	
103	70.31	8.8	57.84	19.0	280 16	
108	36	9.1	57.92	18.3	79 44	
R. 9	69.34	—	22 17.62 (½)	17 27 39.1 (¼)	279 56	
103	70.31	8.6	17.53	37.7	280 0	
109	37	8.8	17.54	37.3	80 2	
R. 6	69.33	—	23 2.25 (0.1)	18 0 55.3 (½)	280 30	
108	70.36	8.0	2.36	55.9	79 28	
204	71.34	7.9	2.45	55.0	280 34	
204	71.34	9.2	23 2.61	18 12 7.8	280 46	Bel. zu hell
207	36	9.3	2.70	5.5 (½)	79 18	
93	70.26	9.0	23 7.74	20 0 23.7	77 30	
201	71.27	9.2	7.78	24.4	77 30	
203	30	9.2	7.67	26.0	282 34	
R. 8	69.33	—	23 28.32 (0.4)	15 20 30.4 (¼)	277 50	
110	70.37	7.9	28.30	28.1 (½)	82 10	
204	71.34	7.4	28.39	29.5 (¼)	277 54	
15	69.28	h. 8-9	23 36.07	18 36 9.4 (½)	281 4	
109	70.37	8.6	35.99	8.5	78 54	
201	71.27	8.5	35.96	6.7	78 54	
203	30	8.5	36.03	8.5 (½)	281 8	
109	70.37	7.8	23 49.96 (¼)	18 35 12.5 (½)	78 54	
201	71.27	7.4	49.87 (¼)	12.5 (½)	78 56	
203	30	7.5	49.88	12.6	281 8	
93	70.26	9.0	23 51.47	20 1 59.0	77 28	
201	71.27	8.7	51.54	59.3	77 28	
203	30	9.0	51.49	2 0.8	282 34	
			12h			
R. 9	69.34	—	24m48s.49 (½)	17° 18′ 23″.3 (½)	*279° 48′	
101	70.30	7.5	—	23.1	279 52	
102	31	7.7	48.43	23.1 (½)	279 52	
108	36	8.2	48.43 (½)	23.8 (½)	80 12	
15	69.28	s. 8-9	25 7.26 (½)	18 23 2.2 (½)	280 52	
93	70.26	8.9	7.17	2.8	79 8	
101	30	8.5	—	3.4	280 56	
102	31	9.0	7.20	3.7	280 56	
R. 6	69.33	—	25 8.73 (0.3)	15 15 55.1 (¼)	277 44	3 F.
98	70.30	9.1	8.59	56.1	277 48	
106	34	h. 9	8.66	56.6 (¼)	82 14	δ in Wolken.
107	35	9.1	8.69	56.4	82 14	[etw. uns.
R. 8	69.34	—	25 28.03 (0.4)	16 34 55.7 (¼)	*279 4	
98	70.30	9.3	27.92	55.8	279 8	
106	34	9 W.	28.20	54.5	80 54	
107	35	9.2	27.96	55.8	80 54	
15	69.28	8-9	25 45.35 (½)	18 21 13.9 (½)	*280 50	
93	70.26	8.9	45.53	13.5 (½)	79 9	
101	30	8.6	—	13.7	280 54	
102	31	8.9	45.54 (½)	13.8 (½)	280 54	
R. 6	69.33	—	26 2.30 (0.4)	17 13 46.4 (¼)	279 42	
98	70.30	9.1	2.38	43.5	279 46	
107	35	8.8	2.44	44.6	80 16	
10	69.26	s. 9	26 35.86 (½)	18 18 44.3 (½)	280 48	18°2626 s. 9-10m
93	70.26	9.0	35.93	43.9	79 10	
101	30	9.0	—	42.0	280 52	
102	31	9.2	35.84 (½)	44.2 (½)	280 52	
13	69.27	s. 8-9	28 3.84 (½)	15 19 59.0 (¼)	277 48	
98	70.30	8.6	3.83	20 0.4	277 52	
106	34	8.5 W.	3.79	0.4	82 10	
93	70.26	9.1	28 7.62	19 55 58.3	77 34	
101	30	9.3	—	58.3 (½)	282 28	
102	31	9.3	7.69	58.3	282 28	
15	69.28	s. 8	28 27.20 (½)	16 30 14.0 (½)	278 58	
98	70.30	8.6	27.23	14.1	279 2	
107	35	8.7	27.16	13.9 (½)	81 0	
*						
**						
13	69.27	s. 8 – h. 8-9	29 15.70 (½)	16 19 33.5 (½)	278 48	
103	70.31	8.0	15.65	34.0	278 52	
108	36	(wie 9.1)	15.65	35.0	81 10	
15	69.28	h. 9	29 30.11 (½)	17 31 13.6 (½)	280 0	
R. 12	36	—	29.92 (0.3)	12.4 (¼)	280 0	3 F.
109	70.37	8.7	29.97	10.8	79 58	
201	71.27	8.6	29.88	10.1	80 0	
203	30	9.0	29.97	10.2	280 4	
R. 8	69.34	—	29 58.44 (0.4)	17 48 40.9 (¼)	280 18	
93	70.26	9.0	58.30	41.6	79 42	
101	30	8.8	—	41.5	280 22	
102	31	9.2	58.30	42.4	280 22	
R. 9	69.34	—	30 3.00 (0.4)	17 14 22.9 (¼)	279 44	Fäd. st. schl.
109	70.37	9.2	2.91	22.0 (½)	80 16	
201	71.27	9.3	2.82	22.1	80 16	
203	30	9.1	2.98	21.5	279 48	
R. 11	69.36	—	30 27.21 (0.4)	15 57 10.4 (¼)	278 26	
98	70.30	9.0	27.20	9.8	278 30	
109	37	8.9	27.20	9.2 (2)	81 32	
13	69.27	9-10	30 28.84: (0.2)	19 17 18.8: (½)	281 46	3 F.
103	70.31	9.3	28.93	18.2	281 50	
107	35	9.3	28.80	17.7	78 12	
15	69.28	9	30 38.26 (0.4)	19 29 9.9 (½)	281 58	
103	70.31	9.2	38.31	9.6	282 2	
107	35	9.4	38.28	10.0	78 0	

* Nr. 4705: Com. seq^is, 1870.9 −1s.495 +0″.34 (8 B.), s. Cat. S. 199.
** Nr. 4706: 24 Comae Ber., Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
R.8	69.34	—	30m 42s.12 (0.4)	17° 46′ 41″.6 (½)	280° 16′	
93	70.26	6.4	42.25	41.9	79 44	
101	30	5.0	—	42.2	280 20	
102	31	5.5	42.25	42.4	280 20	
R.9	69.34	—	30 44.76 (0.4)	14 56 30.2 (½)	277 26	
98	70.30	8.5	44.68	27.6	277 30	
110	37	8.8	44.75 (½)	27.3 (½)	82 33	
13	69.27	h. 8-9	31 22.78 (0.4)	19 19 3.9 (½)	281 48	
93	70.26	8.9 sic	22.79	4.0	78 10	
101	30	8.6	—	5.0	281 52	
102	31	8.8	22.82	4.4	281 52	
15	69.28	h. 7-8	32 8.85 (½)	15 33 36.7 (½)	*278 2	
R.12	36	—	8.74 (0.4)	38.0 (½)	278 2	
98	70.30	7.8	8.61 (½)	37.4 (½)	278 6	
100	34	schw., W.	8.87	38.1	81 56	Hgl.–ˢ020 ang.
107	35	8.0	8.60	38.7	81 56	
13	69.27	s. 9	32 42.57 (½)	17 11 24.0 (½)	279 40	
R.8	34	—	42.61 (0.4)	24.4 (½)	*279 40	
93	70.26	9.2	42.62	24.0	80 18	
101	30	9.2	—	24.1	279 44	
102	31	9.2	42.51	25.4	279 44	
11	69.26	h. 9	32 46.20 (½)	18 7 30.2 (½)	280 36	
103	70.31	9.0	46.13 (½)	28.9 (½)	280 40	
107	35	9.2	46.19	29.9	79 22	
R.9	69.34	—	32 52.79 (0.4)	15 0 56.0 (½)	277 30	
98	70.30	8.0	52.81	54.2	277 34	
106	34	äu. schw.	52.92 (½)	53.7 (½)	82 28	Hgl.–ˢ089 ang.
107	35	8.2	52.86	54.7	82 28	
R.6	69.33	—	32 54.02 (0.4)	17 10 1.4 (½)	279 38	
93	70.26	8.0	53.86	0.7	80 20	
101	30	7.8	—	1.1	279 42	
102	31	8.4	54.00	1.6	279 42	
R.3	69.32	—	32 57.00 (0.3)	17 11 49.8 (½)	279 40	3 F.
R.11	36	—	56.88 (½)	50.2 (½)	*279 40	
93	70.26	9.1	56.99	50.1	80 18	
101	30	9.0	—	52.3	279 44	
102	31	9.1	56.91	53.0	279 44	
11	69.26	s. 9	34 7.87: (½)	19 27 [56 ±]	281 56	
102	70.31	9.3	7.67 (½)	28 1.4	282 0	3 F. —[1]
109	37	9.1 W.	7.91	0.1 (½)	78 2	
13	69.27	8	34 13.83 (½)	16 57 56.3 (½)	279 26	
93	70.26	8.2	13.67	56.9	80 32	
101	30	7.8	—	57.4	279 30	
102	31	8.0	13.68	58.8	279 30	
15	69.28	9	34 47.53 (½)	18 48 4.4 (½)	281 16	
103	70.31	9.2	47.50	4.0	281 20	
107	35	9.2	47.48	5.1	78 42	
R.3	69.32	—	34 48.98 (½)	16 4 39.5 (½)	278 34	
103	70.31	7.8	49.08	38.8	278 38	
106	34	8 ±	49.13	39.2	81 24	
107	35	8.0	49.06	39.6	81 26	
11	69.26	h. 8	35 10.02 (0.4)	19 [46 0.3]	282 14	Bem.[2]
93	70.26	8.0	10.04	45 45.7 (½)	77 44	
101	30	—	10.08	47.0	282 18	
13	69.27	h. 9	35 25.86 (½)	19 1 9.8 (½)	281 30	
93	70.26	9.1	25.78	9.3	78 28	
102	31	9.2	25.81	10.2	281 34	

[1] Ohne Ausschluss eines Antritts, vielleicht richtiger, 7ˢ.85 (Gew. 1)

[2] Unerklärlicher Fehler, Abl. müsste 14′ 34ᵖ sein, während ein Fehler in der deutlichen Notirung 14′ 41ᵖ.0 nicht angenommen werden kann und die Identificirung des Sterns bei seiner Helligkeit nicht zweifelhaft ist.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
R.6	69.33	—	35m 45s.84 (½)	14° 50′ 43″.1 (½)	277° 20′	
103	70.31	8.7	45.83	43.9	277 24	
106	34	schw.	45.84	42.9	82 38	Bem.[3]
107	35	8.5	45.77	44.8	82 40	
15	69.28	9	35 58.02 (0.4)	15 12 22.3 (½)	277 40	
108	70.36	9.3	57.96	20.3	82 18	
208	71.38	9.1	57.86	22.3	277 44	
11	69.26	h. 8-9	36 5.79 (½)	18 57 51.4 (½)	*281 26	
93	70.26	8.9	5.96	51.1 (½)	78 32	
101	30	8.5	5.95	52.4	281 30	
13	69.27	8-9	36 26.86 (½)	19 27 32.8 (½)	281 56	
103	70.31	8.8	26.79	34.3	282 0	
107	35	8.6	26.79	35.0	78 2	
204	71.34	9.3	36 30.48	19 55 58.1	282 28	
R.3	69.32	schw.	36 48.88 (0.4)	16 55 10.1 (½)	279 24	
R.11	36	—	48.77 (0.4)	10.5 (½)	*279 24	
108	70.36	9.2	48.90	12.7	80 34	9m.4 s.v.?
204	71.34	8.8	48.88	11.1	279 28	
R.9	69.34	9.2	36 59.97 (½)	17 48 37.7 (½)	280 18	Z. R.8: 9m.0
103	70.31	9.3	37 0.02	38.0	280 22	Fäd. st. schl.
107	35	9.4	0.03	36.8	79 40	
R.8	69.34	—	37 1.59 (0.4)	17 46 57.8 (½)	280 16	
103	70.31	9.1	1.68	59.3	280 20	
107	35	9.3	1.80	59.1	79 42	
15	69.28	8-9	37 5.15 (½)	16 3 55.2 (½)	278 32	
108	70.36	8.5	5.27	56.3	81 26	
204	71.34	8.0	5.24	55.8	278 36	
13	69.27	8-9	37 33.56 (½)	16 24 18.0 (½)	278 52	
102	70.31	8.7	33.49 (½)	18.5	278 56	
108	36	8.7	33.47	19.5	81 6	
R.6	69.33	—	37 35.34 (0.4)	15 47 48.6 (½)	278 16	Fäd. st. schl.
93	70.26	8.5	35.37	50.0	81 42	
101	30	8.4	35.38	49.0	278 20	
11	69.26	h. 8	38 28.40 (½)	18 23 5.6 (½)	280 52	
93	70.26	8.5	28.44	6.1	79 6	
101	30	8.4	28.41	5.8	280 56	
13	69.27	9	39 1.50 (½)	18 58 18.5 (½)	281 26	Dpl.?
93	70.26	9.1	1.47 (½)	18.3 (½)	78 32	
101	30	9.3	1.45	17.7	281 30	
15	69.28	h. 8	39 9.83 (½)	15 2 59.5 (½)	277 32	
102	70.31	8.5	9.67	58.2	277 36	
108	36	8.0	9.61	58.5	82 26	
R.3	69.32	—	39 10.48 (0.4)	15 3 28.8 (½)	277 32	2 F.
102	70.31	7.7	10.55	29.0	277 36	Z.15: h.7-8m
108	36	7.6	10.44	28.9	82 26	
R.6	69.33	—	39 16.63 (0.4)	19 10 38.5 (½)	281 40	
93	70.26	8.9	16.76	40.3	78 20	
101	30	8.6	16.76	39.5	281 42	
11	69.26	s. 8-9	39 35.64 (½)	19 29 59.5 (½)	*281 58	
93	70.26	9.1	35.82	57.2	78 0	
101	30	9.1	35.78	58.2	282 2	
R.9	69.34	—	39 43.04 (0.4)	16 27 17.2 (½)	278 56	
102	70.31	9.0	42.78	18.3	279 0	
108	36	8.8	42.86	19.6	81 2	
R.12	69.36	—	39 49.30 (0.4)	17 56 25.3 (½)	280 26	
103	70.31	9.2	49.19	25.3	280 30	
107	35	9.2	49.24	23.5	79 34	
13	69.27	s. 8	40 14.51 (½)	17 12 19.1 (½)	279 40	
15	28	s. 8	14.61 (0.4)	20.7 (½)	*279 42	
103	70.31	8.1	14.52	20.3	279 46	
107	35	8.2	14.53	20.2	80 18	

[3] Hgl. –ˢ058 ang.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
R.11	69.36	—	40m24s.10(0.4)	17° 15′ 30″.1 (½)	279° 44′	
103	70.31	4.3	24.12	38.8	279 48	
106	34	hell	24.13	39.1	80 14	Z.107: 4m±
R.12	69.36	—	40 35.67 (½)	17 37 58.7 (½)	280 6	
R.14	37	—	35.62(0.3)	59.0 (½)	280 8	3 F.
109	70.37	8.6	35.50	59.8	79 52	
204	71.34	9.0	35.57	59.5	280 10	
R. 3	69.32	—	40 43.48 (½)	16 25 6.5 (½)	278 54	
102	70.31	9.2	43.47	4.7	278 58	
108	36	9.0	43.35	6.3	81 4	
R.11	69.36	—	40 45.43(0.1)	17 10 34.7 (½)	279 40	1 F.
R.15	37	—	45.82 (½)	35.6 (½)	279 40	
103	70.31	9.1	45.65	35.1	279 44	
107	35	9.2	45.72	34.9	80 20	
R. 9	69.34	—	40 55.51(0.4)	16 16 32.4 (½)	278 46	
102	70.31	7.0	55.48	31.9	278 50	
108	36	7.1	55.40	33.1	81 12	
R. 6	69.33	—	41 9.70(0.4)	17 30 36.2 (½)	280 0	
103	70.31	8.5	9.53	35.8	280 4	
107	35	8.7	9.57	35.8	80 0	
11	69.26	8.7	41 36.75 (½)	19 42 27.7 (½)	282 10	
93	70.26	7.7	36.92	25.2 (½)	77 48	
101	31	7.5	36.84	25.6	282 14	
13	69.27	7	41 47.20 (½)	19 31 14.5 (½)	282 0	
93	70.26	7.1	47.24	12.2	77 58	
101	30	7.1	47.28	13.4	282 4	
93	70.26	7.9	42 5.44	20 0 17.8	77 30	
101	30	7.5	5.44	19.6	282 32	
R.11	69.36	—	42 15.07(0.3)	18 15 47.0 (½)	280 44	3 F.
102	70.31	8.1	15.01	46.6	280 48	
107	35	8.5	14.95	47.6	79 14	Z.108: 7m.8
R.15	69.37	—	42 22.80 (½)	17 38 39.6 (½)	*280 8	Fäd. st. schl.
103	70.31	9.4	22.41	35.9	280 12	Z. R.3: 9m
106	34	9.3(W.?)	22.63:(½)	36.4:(½)	79 52	
107	35	9.4	22.57	39.9	79 52	
R. 3	69.32	—	42 24.96(0.3)	17 37 14.4 (½)	280 6	3 F.
103	70.31	8.2	25.02	15.7	280 10	
106	34	8.5	25.16 (½)	15.5 (½)	79 52	
107	35	8.5	25.05	15.5	79 52	
102	70.31	8.9	42 32.35	18 14 7.5	280 46	
108	36	8.5	32.32	8.7	79 16	
109	70.37	9.4	42 34.67:	16 6 42.0:	81 24	
204	71.30	9.4	34.64	41.7	278 40	
R. 6	69.33	—	42 36.51(0.3)	16 5 48.7 (½)	278 34	3 F., schl. st.
109	70.37	8.0	36.74	48.3	81 24	
204	71.34	8.2	36.73	48.7	278 38	
R.16	69.38	—	42 38.40(0.6)	14 48 19.9 (½)	**277 16	
108	70.36	5.5	38.33	21.6 (½)	82 42	
204	71.34	5.8	38.36	19.9	277 22	
11	69.26	9	42 38.60(0.3)	18 25 4.0 (½)	280 54	3 F.
15	28	8.9	38.62 (½)	2.7 (½)	280 54	
102	70.31	9.2	38.67	2.8	280 58	Bel. zu hell
108	36	9.1	38.60	3.7	79 4	
13	69.27	9-10	43 25.92 (½)	18 2 42.0 (½)	280 32	
102	70.31	9.0	26.04	41.6	280 36	
107	35	9.2	25.98	41.5	79 28	
11	69.26	8.9	43 34.46(0.4)	19 1 29.7 (½)	281 30	
93	70.26	8.3	34.55	28.6	78 28	
101	30	8.2	34.52	28.7	281 34	
15	69.28	8.9	44 2.10(0.4)	18 20 4.5 (½)	280 48	
93	70.26	9.1	2.15	3.6	79 10	
101	30	9.0	2.17	3.3	280 52	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
13	69.27	[9-10 W.]	44m56s.81 (½)	17° 43′ 15″.8 (½)	280° 12′	
102	70.31	8.9	56.80	15.0	280 10	
108	36	8.3	56.82	15.9	79 46	
11	69.26	8.6-7	45 1.55 (½)	19 50 28.5 (½)	282 18	
103	70.31	7.3	1.55	29.6	282 24	
106	34	[7.5 ±]	1.58	28.0	77 40	
R. 3	69.32	—	45 10.39(0.4)	15 32 24.9 (½)	278 2	
108	70.36	8.5	10.29 (½)	25.4 (½)	81 58	
204	71.34	9.0	10.35 (½)	24.7 (½)	278 6	
R. 6	69.23	—	45 26.95(0.4)	17 26 23.6 (½)	279 54	
103	70.31	8.1	26.98	24.5	280 0	
106	34	schw.	27.00	24.4	80 4	Hgl.–?031 ang.
107	35	8.4	27.02	23.7	80 4	
93	70.26	8.2	45 33.86	19 54 32.3	77 36	
204	71.34	8.0	33.79	32.1	282 28	
15	69.28	8-9	45 39.81 (½)	18 35 39.8 (½)	281 4	
93	70.26	8.7	39.72	42.5	78 54	
101	30	8.3	39.67	43.0	281 8	
11	69.26	8:	45 43.46(0.2)	19 50 —	282 —	2 F. } Dpl. 20″ 220°
		7:	44.03(0.2)	51 8.8 (½)	282 20	2 F.
93	70.26	8.0	43.49	50 51.9	77 40	} Dpl.
		7.5	43.81:(½)	51 8.2	77 38	2 F.
101	30	8.0	43.53	50 53.9	282 24	} Dpl. 18″ 205°
		7.6	43.91	51 8.3	282 24	
109	37	7.9	43.50	50 54.1	77 38	} » 15 210
		7.5	43.91	51 7.8	77 38	
204	71.34	8.0	43.46	50 52.4	282 24	
		7.5	43.89	51 7.8	282 24	
13	69.27	[7 W.]	45 59.11(0.4)	17 45 15.5 (½)	280 14	
102	70.31	5.5	59.24	15.4	280 18	
108	36	5.9	59.18	14.8 (½)	79 44	
R. 9	69.34	—	46 3.14(0.4)	17 12 42.9 (½)	279 42	
103	70.31	8.3	3.15	43.9	279 46	
106	34	schw.	3.17	41.8	80 18	Hgl.–?031 ang.
107	35	8.4	3.17	43.2	80 18	
R. 9	69.34	—	46 9.57 (½)	17 47 23.0 (½)	*280 16	
102	70.31	6.8	9.58	23.4	280 20	
108	36	7.3	9.55	23.2	79 42	
R. 6	69.33	—	46 14.09(0.4)	16 48 11.4 (½)	*279 16	
R.12	36	—	14.41(0.4)	10.4 (½)	*279 16	
103	70.31	6.4	14.34	11.5	279 20	
106	34	—	14.39	10.6	80 42	
107	34	6.7	14.34	11.7	80 42	
15	69.28	8-9, 8-9	46 44.18	15 42 33.6	278 12	Bem.[1]
103	70.31	8.9	44.15	31.2	278 14	} Dpl. 7″ 205°
		8.8	44.19	37.1	278 14	
106	34	9	44.26 (½)	27.9:(½)	81 48	} » 10 190
		9	44.24:(½)	37.2:(½)	81 48	
107	35	8.9	44.10	31.0	81 48	} » 7 185
		8.9	44.15	37.5	81 48	
R. 3	69.32	—	46 48.00(0.3)	16 23 35.8 (½)	*278 52	3 F.
102	70.31	9.1	48.05	36.3	278 56	
108	36	9.2 dstg	48.03 (½)	36.7 (½)	81 6	
11	69.26	7	47 37.19 (½)	19 44 8.1 (½)	282 12	
102	70.31	7.0	37.19	9.1	282 16	
107	35	7.4	37.20 (½)	8.2 (½)	77 46	
15	69.28	8-9	47 51.68(0.4)	16 0 35.9 (½)	278 30	
102	70.31	8.5	51.65	35.9	278 34	
106	34	8.5:	51.72	35.5	81 30	
13	69.27	8-9	47 56.53(0.4)	18 3 37.7 (½)	280 32	18°2671 9m
93	70.26	8.9	56.41	39.4	79 26	» 9
101	30	8.5	56.42	39.2	280 36	» 8.7

[1] Dpl. 10″ 185° med.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12^h			
11	69.26	s.9..9	$48^m 37^s.71$ (0.4)	$18° 20' 59''.2$ (½)	$280° 50'$	
15	28	9	37.68 (0.3)	58.9 (½)	280 50	1 F.
93	70.26	8.9	37.78	59.4	79 8	
101	30	9.2	37.69 (½)	58.9 (½)	280 54	3 F. [1]
93	70.26	9.0	49 4.96	18 22 14.2	79 8	
101	30	9.1	4.91	12.3	280 54	Z.110: $9^m.1$
201	71.27	9.2	5.03	12.0	79 8	
208	38	9.2	4.96	12.6	280 54	
R.3	69.32	—	49 44.67 (0.4)	16 54 17.4 (½)	279 24	
102	70.31	9.1	44.52	19.7	279 26	
106	34	8.8	44.59	18.7	80 36	
15	69.27	8-9 W.	49 48.54 (0.1)	16 29 —	279 —	1 F.
15	28	8-9	48.51 (0.4)	20.9 (½)	278 58	
93	70.26	8.8	48.46	21.3	81 0	
101	30	8.7	48.53 (½)	21.6	279 2	
R.6	69.33	—	50 35.85 (0.3)	16 49 1.8 (½)	279 18	3 F.
102	70.31	9.2	35.64	2.1	279 22	
106	34	9.1	35.85	2.0	80 40	
R.3	69.32	—	51 14.24 (0.2)	14 44 4.0 (½)	277 12	2 F.
R.11	36	—	14.13 (½)	4.9 (½)	277 12	
102	70.31	9.1	14.10	5.7	277 18	
106	34	9.1	14.22	4.9	82 46	
107	35	9.1	14.11 (½)	6.2 (½)	82 46	
11	69.26	9-10	51 [14.84::]	19 15 [59.8::]	281 44	sehr unsicher
93	70.26	9.1	15.02	16 1.5	78 14	
101	30	9.1	14.97	1.2	281 48	
15	69.28	9	51 19.65 (½)	19 20 56.6 (½)	281 50	
101	70.30	9.2	19.65	57.9	281 54	Z.93: $9^m.1$
13	69.27	8-9 W.	51 23.63 (0.2)	19 21 57.9 (½)	281 50	2 F.
93	70.26	8.8	23.54	59.2	78 8	
101	30	8.9	23.57	59.6	281 54	
R.6	69.33	—	51 55.15 (0.4)	18 26 41.7 (½)	280 56	
93	70.26	8.1	55.30	40.5	79 4	
101	30	7.8	55.32	41.9	281 0	
15	69.28	8-9	52 25.00 (½)	17 51 33.3 (½)	280 20	
102	70.31	8.5	25.15	34.8	280 24	
105	34	8.5	25.14	32.9	79 38	
13	69.27	8-9: W.	52 37.56 (0.2)	16 53 10.3 (½)	279 22	2 F.
93	70.26	8.9	37.49	11.1	80 36	
101	30	9.1	37.49	12.0	279 26	
11	69.26	s.4	52 44.50 (½)	18 5 0.8 (½)	280 34	
103	70.31	5.0	44.54 (½)	0.9 (½)	280 38	
106	34	> 5	44.55	1.0	79 24	
107	35	5.1	44.53 (½)	1.3 (½)	79 24	
R.3	69.32	—	52 57.07 (0.3)	15 34 46.6 (½)	278 4	3 F.
102	70.31	8.8	57.00	47.6	278 8	
105	34	8.7	56.97	47.1	81 54	
204	71.34	9.6	53 4.52	15 7 38.2	277 40	$9^m.4$ 25^s: v. 2'S.
R.9	69.34	—	53 15.36 (0.4)	15 24 32.4 (½)	277 54	
102	70.31	9.0	15.27	33.4	277 58	
105	34	8.7	15.25	32.1	82 4	
15	69.28	9	53 44.13 (½)	14 57 38.4 (½)	277 26	
102	70.31	9.1	44.24	40.2	277 30	
105	34	9.1	44.14	38.6	82 32	
11	69.26	6-7	54 30.66 (½)	19 2 40.6 (½)	281 30	
103	70.31	6.5	30.85	42.2	281 36	
106	34	6	30.80	42.2	78 26	
107	35	7.2	30.73	42.7 (½)	78 26	
R.11	69.36	—	54 33.10 (½)	15 2 49.6 (½)	277 32	
102	70.31	9.4	33.02 (½)	48.5 (½)	277 36	Z.105: $9^m.3$
106	34	9.3	33.04	47.3	82 26	
208	71.38	9.4	33.05	49.3	277 36	

[1] eilig, etw. uns. — Z.110: $9^m.0$; 201: $9^m.1$; 208: $8^m.9$

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12^h			
R.3	69.32	—	$54^m 33^s.37$ (½)	$15° 3' 16''.6$ (½)	$277° 32'$	Dpl. 28°
102	70.31	8.5	33.38	15.0	277 36	
105	34	8.7 gz.zfl.	33.33	15.0	82 26	
106	34	h.9	33.41	16.0	82 26	
208	71.38	8.8	33.37	14.8	277 36	
R.6	69.33	—	54 33.99 (0.4)	16 10 23.4 (½)	278 40	
93	70.26	8.3	33.90	22.9	81 20	
101	30	8.3	33.97	22.3	278 42	
13	69.27	8-9: W.	54 [37.68]	19 48 6.2 (½)	282 16	1 F.
103	70.31	9.1	36.86	4.2	282 20	
107	35	9.1	36.94	5.5	77 42	
15	69.28	h.9	54 41.84 (0.4)	19 20 32.6 (½)	281 50	
109	70.37	8.7	41.85	31.9	78 10	
204	71.34	9.0	41.83	33.0	281 54	
R.9	69.34	—	54 57.86 (0.4)	16 28 49.3 (½)	278 58	
110	70.37	8.8	57.77	47.4	81 0	
208	71.38	8.9	57.79	46.7	279 2	16°2446 $9^m.0$
R.15	69.37	—	54 58.78 (0.3)	17 47 52.1 (½)	280 16	3 F.
112	70.38	7.0	58.71	50.5 (½)	79 42	
210	71.38	7.3	58.74 (½)	51.7 (½)	280 20	
R.14	69.37	—	55 23.60 (0.4)	17 26 18.7 (½)	279 54	
110	70.37	9.1	23.66	16.7	80 4	
204	71.34	9.1	23.72	16.9	279 58	
R.16	69.38	—	55 31.20 (0.4)	19 14 47.2 (½)	281 44	
R.17	38	—	31.20 (0.4)	47.4 (½)	281 44	
108	70.36	—	[31.57]	[43.1]	78 16	Wolk., gz. uns.
109	37	8.5	31.12	44.8	78 16	19°2625 8-9^m
204	71.34	8.6	31.08	46.6	281 48	" $8^m.7$
201	71.27	9.0 e. zfl.	55 —	19 17 55.8	78 12	Z.109: $8^m.5$ [2]
202	28	8.5	52.78	56.1	78 12	
204	34	8.3	52.81	56.0	281 50	
R.15	69.37	—	56 3.91 (0.4)	17 28 7.4 (½)	279 56	
110	70.37	9.2	3.77	6.8	80 2	
204	71.34	9.2	3.82	5.4	280 0	
R.11	69.36	—	56 17.13 (0.4)	16 33 11.0 (½)	279 2	
103	70.31	9.0	17.24	11.6	279 6	
112	38	8.5	17.25	13.0	80 56	
112	70.38	9.3	56 18.53	19 22 30.2	78 8	$9^m.5$ n. f.
R.6	69.33	—	56 19.03 (0.4)	16 42 52.3 (½)	279 12	
112	70.38	8.4	18.94	53.6	80 46	
201	71.27	9.1	—	51.4	80 48	
202	28	8.8	18.94	52.8 (½)	80 48	
204	34	8.9	18.95	53.0	279 16	
R.14	69.37	—	56 35.50 (0.4)	17 8 22.8 (½)	279 36	
103	70.31	9.1	35.59	21.8	279 40	
107	35	9.0	35.48 (½)	23.6 (½)	80 22	
R.9	69.34	—	57 13.35 (0.4)	15 27 39.7 (½)	277 56	
93	70.26	9.0	13.28	39.2	82 2	
101	30	8.6	13.30	40.0	278 0	
R.6	69.33	—	57 51.39 (0.4)	16 48 9.7 (½)	279 16	
93	70.26	9.0	51.34	9.3	80 42	
101	30	8.7	51.41	8.0	279 20	
107	70.35	9.1	58 36.50	15 24 5.4	82 6	
R.9	69.34	—	58 44.81 (0.3)	16 45 4.9 (½)	279 14	3 F.
93	70.26	8.9	44.67	3.7	80 46	
101	30	8.5	44.74	3.7	279 18	
11	69.26	h.9-10	58 45.73 (½)	19 36 31.3 (½)	282 4	
102	70.31	9.0	45.83	35.0	282 8	
105	34	9.3	45.87	31.2	77 54	
R.11	69.36	—	59 17.67 (0.4)	15 23 45.5 (½)	277 52	
103	70.31	8.2	17.68 (½)	47.3 (½)	277 56	
107	35	8.0	17.60 (½)	47.8 (½)	82 6	

[2] Z.112: beil. 9^m oder h. 9^m

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12^h			
R.14	69.37	—	$59^m17^s.74$ (0.4)	19° 15′ 13″.8 (¼)	281° 44′	
102	70.31	8.9	17.75	11.1	281 48	
105	34	8.9	17.88	13.1	78 14	
R.6	69.33	—	59 19.21 (0.4)	16 46 27.1 (¼)	279 14	Fäd. st. s. schl.
93	70.26	8.8	19.25	27.7	80 44	
101	30	8.3	19.24	28.3	279 18	
15	69.28	8	59 35.04 (0.6)	19 12 40.0 (½)	281 40	
102	70.31	8.5	35.11	41.0 (½)	281 46	
105	34	8.4	35.14	41.1	78 18	
R.15	69.37	—	59 47.79 (0.4)	15 30 42.2 (¼)	*278 0	
102	70.31	8.3	47.65	42.6	278 4	
105	34	8.3	47.74	44.7[1]	82 0	
202	71.28	9.2	59 48.53	16 31 9.5	81 0	
204	34	9.0	48.57	8.6	279 4	
			13^h			
R.9	69.34	—	0 24.88 (0.3)	16 2 36.7 (¼)	278 32	3 F.
93	70.26	9.1	25.01	37.0	81 28	
101	30	8.7	25.05	—	278 —	
103	31	9.0	24.95	36.6	278 34	
15	69.28	9	1 8.99 (0.6)	16 53 29.9 (½)	279 22	
93	70.26	8.9	9.05	31.1	80 36	
101	30	8.7	9.11	31.4	279 26	
204	71.34	9.3	1 9.64 (½)	16 28 10.2 (½)	279 0	
11	69.26	h.9-10	1 41.77 (0.4)	18 17 4.6::(¼)	280 46	
102	70.31	9.1	41.95:(½)	5.7	280 50	Bel. zu hell
103	31	9.1	41.97	5.6	280 50	
105	34	9.2	41.96	6.1	79 14	
R.6	69.33	—	1 57.53 (0.2)	18 34 0.0 (¼)	281 2	2 F.
102	70.31	9.1	57.43:(½)	33 59.2	281 6	Bel. z. hell; 3 F.
105	34	9.2	57.47	59.2	78 56	
R.11	69.36	—	1 59.20 (½)	19 13 39.7 (¼)	281 42	
102	70.31	8.8	59.20	39.9	281 46	
103	31	9.1	59.15 (½)	39.9 (½)	281 46	
105	34	9.2	59.28	41.0	78 16	
107	35	9.1	59.12	40.0	78 14	
R.9	69.34	—	2 15.68 (0.4)	16 9 42.9 (¼)	278 38	Dpl. 2^s5 austr.
93	70.26	{ 9.2	15.49:(½)	45.3 (½)	81 20	} Dpl. 7″ 340°
		{ 8.8	15.58	42.2	81 20	
101	30	{ 9.1	15.48	47.4	278 42	} » 6 335
		{ 8.5	15.56	42.4	278 42	
15	69.28	h. 8-9	2 36.01 (½)	19 14 47.5 (½)	281 44	
93	70.26	8.4	36.15	48.7	78 16	
101	30	8.8	36.19	48.1	281 48	
R.15	69.37	—	2 54.03 (0.4)	17 47 4.9 (¼)	280 16	
102	70.31	8.8*	54.02	6.8	280 20	* Auge geblen-
105	34	9.1 zfl.	53.88	6.4	79 42	[det
11	69.26	s.7-8	2 57.99 (0.4)	19 17 33.1 (½)	281 46	
93	70.26	7.3	57.91	33.5	78 12	
101	30	7.3	57.93	34.2	281 50	
R.14	69.37	—	3 1.64 (0.4)	17 41 39.8 (¼)	280 10	
103	70.31	8.8	1.64	40.3	280 14	
107	35	9.1	1.57	40.8	79 48	
R.16	69.38	—	3 22.38 (0.4)	18 9 4.2 (¼)	280 38	
107	70.35	8.1	22.27	3.4	79 20	
204	71.34	8.0	22.24	4.7	280 42	
15	69.28	h.8	3 38.85 (0.4)	17 8 39.8 (½)	*279 38	
102	70.31	8.4	39.05	41.2	279 42	
105	34	8.2	38.98	40.8	80 20	
			13^h			
R.14	69.37	—	$3^m39^s.23$ (0.4)	17° 30′ 58″.7 (¼)	280° 0′	
108	70.36	7	39.12 (½)	57.9 (½)	79 58	
208	71.38	6.7*	39.15 (½)	56.7 (½)	280 4	* schw. röth.
R.6	69.33	—	3 43.38 (0.3)	16 32 1.2 (½)	279 0	3 F.
93	70.26	8.7 sic	43.27	31 59.7	80 58	
101	30	8.7	43.32	58.8	279 4	
R.9	69.34	—	3 50.93 (0.3)	16 48 56.4 (¼)	279 18	3 F.
108	70.36	8	50.92	54.3 (½)	80 40	
204	71.34	8.0	50.96	54.3 (½)	279 22	
11	69.26	5	3 54.49 (0.4)	18 11 27.5 (½)	*280 40	
107	70.35	4.1	54.51	27.3	79 18	
204	71.34	4.0 spl.*	54.51	28.6	280 44	* hellgelb
R.15	69.37	—	4 1.52 (0.4)	16 0 18.3 (¼)	278 30	
103	70.31	8.6	1.41	18.7	278 32	
107	35	9.0	1.45	19.3	81 30	
102	70.31	8.9	5 10.62	14 59 42.6	277 32	
105	34	8.5	10.67	42.4	82 30	
R.16	69.38	—	5 15.81 (0.4)	17 6 35.2 (¼)	279 36	
93	70.26	9.0	15.56	36.4	80 24	
101	30	9.0	15.54	35.2	279 40	
103	70.31	7.3	6 4.75	16 47 36.4	279 20	
108	36	(wie 8)	4.75	35.9	80 42	
R.15	69.37	—	6 7.95 (0.4)	18 39 23.9 (¼)	281 8	
110	70.37	9.2	7.97	24.9	78 50	
208	71.37	9.2	7.91	24.0	281 12	
111	70.38	8.5	6 14.84	19 22 39.8	78 6	Z.109: 8*
210	71.38	8.4	14.85	38.6 (½)	281 56	
111	70.38	8.0	6 16.88	18 10 54.6	79 18	
210	71.38	8.0	16.83	53.7	280 44	
109	70.37	6.9	6 29.70	19 24 59.1	78 4	
111	38	6.5	29.62	58.8	78 4	
210	71.38	7.4	29.67	58.3	281 58	
R.16	69.38	—	6 37.99 (0.4)	17 28 57.1 (¼)	279 58	
110	70.37	9.1	38.09	57.1	80 0	
208	71.38	9.0	38.05	56.3	280 2	
108	70.36	8.8	6 57.43	17 4 46.5	80 26	
209	71.38	8.8 W.	57.35	45.4	279 38	
211	39	9.0	57.38	46.1 (½)	279 38	
105	70.34	7.9	6 58.21	15 58 52.0	81 32	
209	71.38	8.0	58.21	53.0	278 32	
211	39	8.1	58.31	51.7	278 32	
R.15	69.37	—	7 1.64 (0.4)	18 41 19.7 (¼)	281 10	
109	70.37	8.9	1.69	19.2	78 48	
208	71.38	9.0	1.59	18.0 (½)	281 14	
109	70.37	9.2	7 7.27	18 41 54.3	78 48	
208	71.37	9.3	7.06	54.1	281 14	
111	70.38	7.0	7 7.51	19 23 34.7	78 6	
210	71.38	7.4*	7.61	33.5	281 56	* schw. orange
108	70.36	9.1	7 54.96	16 36 31.0	80 54	
208	71.38	8.8	54.92	31.8	279 10	
R.16	69.32	—	8 27.54 (0.4)	15 56 52.8 (¼)	278 26	
105	70.34	8.5	27.44	52.5	81 34	
209	71.38	8.5	27.35	52.4 (½)	278 30	
211	39	8.6	27.46	52.9	278 30	
R.15	69.37	—	9 4.39 (0.3)	19 34 51.4 (¼)	282 4	3 F.
108	70.36	7	4.20	49.5	77 56	
210	71.38	7.1	4.26	49.8 (½)	282 8	
109	70.37	7.6	9 10.11	16 51 20.4	80 38	
210	71.38	7.9	10.12	20.3	279 24	
108	70.36	[wie 8.8]	9 36.52	15 37 35.5	81 52	
208	71.38	8.5	36.49	36.1	278 10	

[1] Mikr.-Abl. st. $-7^p2\cdot$ ang. $-12^p7\cdot$; diese Correctur ist an sich wahrscheinlicher als eine solche von 5^p ($-12^p2\cdot$), welche nähere Uebereinstimmung mit den beiden anderen Beobachtungen ergeben würde.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			13^h			
98	70.34	8.3	10^m 7.22	15° 41' 11.8	81° 48'	
210	71.38	8.4	7.18 (½)	10.0 (½)	278 14	
110	70.37	7.2	10 9.52	16 42 13.3	77 40	
211	71.39	7.0	9.50	13.4	282 16	
109	70.37	8.5	10 12.78	17 55 2.8 (½)	79 38	Bem.[1]
209	71.38	9.0	12.75	2.0	280 28	(0m.5 h 130°)
109	70.37	7.5	10 22.30	17 57 39.5	79 32	
209	71.38	8.0	22.40	40.1	280 30	
210	38	8.0	22.41	39.2	280 30	
R.16	69.38	—	10 22.62 (0.4)	16 37 2.2 (½)	282 16	
110	70.37	8.5	22.54	1.8	77 52	
209	71.38	8.5	22.67	2.4	282 10	Z. 211: 8m.5
R.14	69.37	—	10 31.58 (0.1)	16 53 48.5 (½)	282 2	
110	70.37	7.4	31.51	48.5	77 56	
211	71.39	7.2	31.55	49.8	282 6	
111	70.38	7.4	10 37.72	17 41 13.6 (½)	79 48	
211	71.39	6.7	37.83	11.7 (½)	280 14	
R.15	69.37	—	10 47.85 (0.1)	15 8 21.2 (½)	277 38	
105	70.34	9.1	47.70	21.0	82 22	
208	71.38	9.0	47.79	21.7	277 42	
108	70.36	[wie 9.4]	10 [48.55 :]	14 19 57.6 (½)	82 40	
111	38	9.2	48.35	58.1	82 40	
208	71.38	8.9	48.41	56.1	277 22	
111	70.38	9.4	10 55.94	15 56 41.9	81 32	
112	38	9.2	55.93	41.8 (½)	81 32	
209	71.38	9.1	55.95	42.0 (½)	278 30	
109	70.37	8.4	10 58.91	16 57 31.4	77 32	
209	71.38	8.5	58.90	32.0	282 30	
109	70.37	7.6	11 26.30	17 57 3.6	79 32	
210	71.38	7.9	26.18	3.0	280 30	
109	70.37	8.1	11 29.63	16 52 30.8	77 38	
209	71.38	8.3	29.68	32.3	282 26	[illegible]
211	39	8.0	29.60	31.1	282 26	
R.16	69.38	—	11 31.83 (0.4)	16 40 40.6 (½)	282 10	3 F.
110	70.37	8.9	31.72 (½)	40.9 (½)	77 18	
209	71.38	8.5	31.72	40.7	282 14	
108	70.36	9.3	11 50.37	17 57 21.5	79 32	
208	71.38	9.3	50.38	22.2	280 30	
R.15	69.37	—	12 50.49 (0.4)	15 7 53.7 (½)	277 34	
105	70.34	8.8	50.41	52.0	82 22	
209	71.38	9.2	50.51	53.0	277 40	
211	39	8.9	50.39 (½)	53.2 (½)	277 40	
13	69.27	s. 8-9	13 11.57 (½)	18 27 1.5 (½)	280 56	
105	70.34	9.2	11.77	1.3	79 2	Bel. e. z. hell
208	71.38	9.3	11.69	1.0 (½)	281 0	
R.14	69.37	—	13 49.61 (0.1)	17 19 9.2 (½)	279 48	
105	70.34	9.3	49.66	10.0 (½)	80 10	
209	71.38	9.2	49.53	9.9	279 52	
R.16	69.38	—	14 1.88 (0.4)	16 13 17.1 (½)	278 42	
108	70.36	7.5	1.86	17.6	81 16	
209	71.38	7.0	1.90	19.4	278 40	
210	38	7.5	1.83	18.5	278 40	
13	69.27	7:	14 9.68 (0.4)	18 25 32.0 (½)	280 54	
108	70.36	7.5	9.78	33.0	79 4	
210	71.38	7.5	9.68	32.4	280 58	
R.15	69.37		14 15.14 (0.4)	16 6 38.2 (½)	278 34	3 F.
105	70.34	9.2	15.17	37.3	81 22	
208	71.38	9.1	15.20	35.8	278 40	
108	70.36	8.0	14 20.50	18 14 9.3	79 16	
209	71.38	7.5	20.43	9.8	280 46	
211	39	7.5	20.39	10.4	280 46	

[1] Com. 0m.7 10" ± 135°±

[2] Hauptst. Z. 210: h. 9m

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			13^h			
109	70.37	7.6	15^m 12.66	14° 48' 20.9	82° 42'	
209	71.38	7.5	12.62	21.5 (½)	277 20	
13	69.27	8.4	15 30.00 (0.2)	18 52 52.2 (½)	281 22	
108	70.36	9.0	30.05	51.0	78 38	
209	71.38	8.0	29.98	51.5	281 26	
109	70.37	{ 9.4	15 32.72	16 20 57.6	81 10	} Dpl. 20" 95°
		{ 9.5	33.90	57.2	81 8	
208	71.38	{ 9.4	32.85	54.5	278 54	} " 10 80°[2]
		{ 9.6	34.02	57.7	278 54	
211	71.38	{ 9.4	32.66 (½)	56.5	278 54	3 F. } Dpl. 10":
		{ 9.5	33.77 (½)	56.0	278 54	3 F. } 80..85°
R.16	69.38		15 33.66 (0.4)	16 44 17.9 (½)	279 12	3 F.
110	70.37	7.5	33.53	18.4	80 46	
211	71.39	7.9	33.53	17.0	279 18	
212	39	7.5	33.52	18.3	279 18	
R.15	69.37		15 43.33	18 25 17.1 (½)	280 54	3 F. — Spl.
110	70.37	8.5	43.12 (½)	16.9 (½)	79 4	
210	71.38	{ 9.5	42.42	5.4	280 58	s. schwier. }[3]
		{ 8.6	43.16	17.3	280 58	
212	39	8.0	43.14	16.1	280 58	Com. uns., z. h. [Bel.
105	70.34	9.0	16 37.44 (2)	16 55 14.0	80 34	
208	71.38	8.9	37.52	13.6	279 28	Z. 212: 8m.9
211	39	9.1:	37.45	15.2	279 28	helle Bel.
13	69.27	h. 8-9	16 48.58 (½)	18 25 48.0 (½)	280 54	
110	70.37	8.6	48.73	48.2	79 4	
210	71.38	8.8	48.75	48.9 (½)	280 58	
108	70.36	9	16 49.55	17 43 13.5	79 40	
209	71.38	9.2	49.41	12.7	280 16	
105	70.34	8.8	16 51.60 (½)	16 55 34.7	80 34	
211	71.39	9.0:	51.52	34.4	279 28	helle Bel.
212	39	8.8	51.56	35.5	279 28	
105	70.34	7.2	16 52.06	15 54 17.2	81 36	
111	38	8.0	52.10	16.8	81 36	
211	71.39	7.7:	52.16	16.9	278 26	
212	39	7.6	52.21 (½)	15.8	278 26	3 F.
R.14	69.37	—	16 58.33 (0.3)	18 55 54.8 (½)	281 24	3 F.
109	70.37	7.7	58.47	56.1	78 34	
210	71.38	7.9	58.47	54.1	281 28	
109	70.37	8.2	17 1.31	19 55 26.6	77 34	
208	71.37	8.5	1.36	25.5	282 28	
R.15	69.37	—	17 20.18 (0.4)	17 56 59.8 (½)	280 26	
108	70.36	schw	20.15	59.2	79 32	
211	71.39	7.7:	20.07	59.3	280 30	
212	39	7.5	20.00	59.0	280 30	
R.16	69.38	—	17 28.06 (½)	16 6 15.3 (½)	278 34	
105	70.34	9.1	28.08	15.8	81 24	
111	38	9.2	28.03	15.9	81 24	
209	71.38	9.1	28.05	15.6	278 40	
108	70.36	schw	17 32.03	17 58 29.4	79 30	
211	71.39	7.9:	31.92	30.1	280 32	
212	39	7.8	31.93	28.7	280 32	
110	70.37	9.2	17 39.92	19 1 3.3	78 28	Z. 13: h. 9m
208	71.38	9.1	39.94	3.8	281 34	
210	38	9.3	39.84	3.7	281 34	
111	70.38	W. schw	17 40.77	19 44 43.1	77 46	
112	38	8.2	40.74	43.0	77 44	
211	71.39	7.8:	—	44.1	282 18	
212	39	8.0	40.80 (½)	42.7 (½)	282 18	
109	70.37	8.4	17 41.99	18 52 12.9	78 38	
210	71.38	8.6	42.01	12.4	281 24	

[3] Beide sehr schwierig

[4] Dpl. 13" 220°

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			13h			
13	69.27	8.8	17m47s.14 (0.4)	19° 1′ 43″.7 (½)	281° 30′	
110	70.37	8.8	47.06	44.4	78 28	
210	71.38	8.8	47.09	45.2	281 34	
110	70.37	8.6	18 25.26	19 20 11.3	78 10	
210	71.38	8.9	25.23	11.4	281 52	
R.14	69.37	—	18 30.17 (0.3)	15 7 32.7 (½)	277 36	3 F.
105	70.34	8.5	30.22	32.1	82 22	
209	71.38	9.1	30.15	32.0	277 40	
109	70.37	9.1	18 31.19	16 41 30.1	80 48	
208	71.38	9.2	31.23	29.6	279 14	
211	39	9.2	31.10 (½)	29.1	279 14	3 F.
R.15	69.37	—	19 21.81 (½)	17 12 13.2 (½)	279 42	
108	70.36	—	—	14.7	80 16	
109	37	8.3	21.83	13.7	80 18	
209	71.38	8.6 W.?	21.87	14.5	279 46	
R.16	69.38	—	19 33.30 (½)	16 12 56.0 (½)	*278 42	
111	70.38	7: W.	33.24	56.7	81 16	
210	71.38	7.1	33.25	55.9	278 46	
13	69.27	8.9	19 38.58 (½)	19 15 24.2 (½)	281 44	schwkd.
110	70.37	8.7	38.68	25.9	78 14	
209	71.38	8.5	38.66	25.6	281 48	
R.14	69.37	—	19 58.41 (0.3)	14 59 51.0 (½)	277 28	3 F.
105	70.34	8.3	58.46	53.6	82 30	
210	71.38	8.2	58.55	53.2	277 32	
109	70.37	9.1	20 8.46	15 13 43.4	82 16	9m.5 10″150°±
208	71.38	9.3	8.44	42.5	277 46	Dpl. 10″ 160°
		9.5	8.64:	30.5	277 46	
211	39	9.3	8.43	43.3	277 46	» 10 165:
		9.7	8.60:	31.8:	277 46	
111	70.38	W., schw.	20 38.80 (½)	17 35 47.1	79 54	3 F.
112	38	8.3	38.84 (½)	47.1 (½)	79 54	
209	71.38	7.8	38.82	48.0 (½)	280 8	
212	39	7.9	38.86 (½)	47.6 (½)	280 8	
13	69.27	h.9	20 42.51 (½)	18 17 59.4 (½)	280 46	
110	70.37	8.8	42.62	58.3	79 12	
208	71.38	8.8	42.64	58.6	280 50	
105	70.34	8:	20 44.34	15 1 44.7	82 28	
210	71.38	8.3	44.38	44.0	277 34	
F.1	69.38	—	20 52.17	15 43 48.6	278 12	
105	70.34	8.1	52.14	51.1	81 46	
211	71.39	8.9	52.18	50.6	278 16	
R.15	69.37	—	21 7.70 (0.4)	18 55 51.9 (½)	281 24	
109	70.37	8.7	7.87	52.8	78 34	
209	71.38	9.2	7.77	51.8	281 28	
R.14	69.37	—	21 29.01 (0.3)	16 38 43.7 (½)	279 8	3 F.
110	70.37	8.9	28.95	43.1	80 52	
111	38	h.9 W.	28.86	43.7	80 50	
112	38	8.9	28.81	43.5	80 50	
211	71.39	8.8	28.85	43.2	279 12	
13	69.27	h.8-9	22 2.59 (½)	18 56 20.7 (½)	281 24	
110	70.37	8.4	2.67	21.2	78 34	
209	71.38	8.7	2.66	20.6	281 28	
R.16	69.38	—	22 8.79 (0.4)	17 49 59.5 (½)	280 18	
111	70.38	9.0	8.74	59.5	79 40	
208	71.38	9.0	8.83	50 0.3	280 22	
111	70.38	9.3	22 14.78	17 0 21.0	80 30	
210	71.38	9.2	14.75	19.7	279 32	
105	70.34	9.1	22 18.14	16 25 2.1	81 4	
208	71.38	9.2	18.22	0.9	278 58	
111	70.38	8.8	22 20.12	18 29 42.6	79 0	
209	71.38	9.0	20.11	43.4	281 2	
			13h			
105	70.34	7.3	22m20s.68	16° 21′ 24″.4	81° 8′	Dpl.? unr
208	71.38	7.3	20.57	25.4	278 54	Dpl. med.[1]
212	39	8.6	20.49[2]	25.1	278 54	Dpl. 1″.7 34[…]
		7.9	20.63	22.3	278 54	
112	70.38	8.2	22 22.30	16 45 58.3 (½)	80 44	
210	71.38	8.0	22.24	57.3	279 18	
R.14	69.37	—	22 55.05 (0.4)	16 33 30.8 (½)	279 2	
109	70.37	8.4	55.13	31.0	80 56	
210	71.38	8.6	55.07	30.4	279 6	
R.15	69.37	—	22 59.63 (½)	19 31 25.6 (½)	282 0	
110	70.37	8.5	59.54	26.4	77 58	
211	71.39	8.2	59.61	25.4	282 4	
F.1	69.38	—	23 6.64	15 27 44.5	277 56	
105	70.34	8.2	6.66	43.0	82 2	
211	71.39	8.0	6.60	43.4	278 0	
13	69.27	9	23 9.62 (½)	19 16 59.5 (½)	*281 46	
111	70.38	9.1	9.80	59.1	78 12	
209	71.38	9.3	9.70	58.8	281 50	
109	70.37	7.3	23 38.55	17 32 59.3	79 56	
210	71.38	7.4	38.54	59.3	280 6	
110	70.37	9.0	23 48.96	17 7 30.0	80 22	
209	71.38	9.1	48.95	30.2	279 40	
212	39	9.1	48.98	29.6	279 40	
111	70.38	9.3	23 51.29	17 20 26.6	80 10	
112	38	9.1	51.32 (½)	28.0 (½)	80 10	
208	71.38	9.2	51.34	27.1	279 54	
R.15	69.37	—	23 58.70 (0.3)	19 42 17.4 (½)	282 10	3 F.
110	70.37	7.3	58.69 (½)	17.1 (½)	77 48	
211	71.39	7.3	58.68 (½)	17.2 (½)	282 10	
R.16	69.38	—	23 58.94 (0.4)	15 57 39.8 (½)	278 26	
105	70.34	8.2	58.87	41.2	81 32	
210	71.38	8.5	58.90	40.1	278 30	16°2518 9m
109	70.37	8.5	24 8.35	17 2 6.6	80 28	
208	71.37	9.0	8.43	5.4	279 36	
212	71.39	9.7	24 16.24	14 58 35.2	277 32	δ gut
13	69.27	8	25 14.39 (½)	18 13 18.5 (½)	*280 42	
109	70.37	8.0	14.39	18.2	79 16	
209	71.38	8.1	14.48	19.8	280 46	
F.1	69.38	—	25 26.92	15 21 —	277 —	
105	70.34	9.0	26.88	39.8	82 8	
208	71.38	9.2	26.99	39.3 (½)	277 54	
R.14	69.37	—	25 40.40 (0.4)	19 36 42.8 (½)	282 6	
110	70.37	7.9	40.32	44.6 (½)	77 54	
210	71.38	7.5	40.27	44.7	282 10	
R.16	69.38	—	25 46.52 (0.4)	17 46 34.9 (½)	280 16	
109	70.37	8.2	46.44 (½)	33.2 (½)	79 44	
210	71.38	8.8	46.36	32.8	280 20	
R.15	69.37	—	25 58.38 (0.4)	15 48 32.0 (½)	**278 16	
105	70.34	8.8	58.35	33.1	81 42	
209	71.38	9.1	58.38	32.9	278 22	
105	70.34	9.1	26 20.60	15 6 16.2	82 24	
208	71.38	9.2	20.63	16.5	277 38	
211	39	9.2	20.60 (½)	16.5 (½)	277 40	9m.4 f.18″2s.5N[…]
R.18	69.43	—	26 29.59 (0.3)	15 2 14.1 (½)	277 36	3 F.
105	70.34	7.2	29.63	13.7	82 28	
209	71.38	7.5	29.60	13.7	277 36	
212	71.39	10.2	26 35.36	16 0 0.7	278 32	Fäd. st. gz. schl[…]
212	71.39	9.5	26 40.32	18 39 0.6	281 12	

[1] Ges.-Hell. 7m.3, Unterschied etwa ½ Cl.; 2″ 335°. [2] e. z. früh beob.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr	Bemerkungen
			13h			
R.14	69.37	—	27m 3s.93 (0.1)	16° 40′ 59″.1 (½)	279° 10′	3 F.
109	70.37	8.9	4.15	57.9	80 48	
208	71.38	9.0	4.05	59.1	279 14	
R.15	69.37	—	27 36.71 (0.1)	16 50 48.4 (½)	279 28	
110	70.37	9.0	36.79	50.1	80 30	
209	71.38	9.2	36.81	49.8	279 32	
13	69.27	9.9	27 39.22 (½)	19 11 41.4 (½)	281 40	
110	70.37	9.3	39.10	41.7	78 18	
208	71.38	9.2	39.28	41.5	281 44	19° 2682 9m.5
R.16	69.38	—	27 44.89 (0.1)	16 54 58.3 (½)	*279 24	
109	70.37	7.8	44.96	59.4	80 54	
210	71.38	7.7	44.91	58.3	279 28	
111	70.38	8.3	27 46.87	18 4 5.1 (½)	79 26	
209	71.38	8.0	46.90	5.7	280 36	
211	39	8.5	46.91	5.0	280 36	ohg. d. tw. uns
F.1	69.38	—	27 48.11 (½)	16 10	278 —	1 F.
110	70.37	9.1	48.23	43.7	81 20	
208	71.38	8.8	48.27	43.6	278 44	
211	39	9.0	48.22	43.1 (½)	278 44	
111	70.38	9.1	27 55.18 (½)	18 6 44.8 (½)	79 24	
209	71.38	8.6	55.18	45.1	280 40	
211	39	8.8	55.25 (½)	45.3	280 40	3 F.
212	71.39	9.2	28 3.14 (½)	15 51 33.0 (½)	278 25	
R.14	69.37	—	28 10.02 (0.1)	19 3 25.7 (½)	281 32	
109	70.37	8.0	10.15	26.6 (½)	78 26	
211	71.39	7.9	10.13	25.0	281 36	
105	70.34	7.9	28 10.54	14 52 32.0	82 38	
210	71.38	7.5	10.60	31.4	277 26	
F.1	69.38	—	28 13.14	14 45 11.0	277 14	
R.18	43	—	13.24 (0.3)	10.6 (½)	*277 18	3 F.
105	70.34	7.5	13.03	11.5	82 44	
210	71.38	7.2	13.16	10.9	277 18	
212	71.39	9.6	28 24.07	15 47 40.2	278 26	
212	71.39	9.4	28 29.73	16 4 20.4	278 36	
R.13	69.37		29 15.11 (0.1)	15 32 5.3 (½)	278 0	3 F.
105	70.34	7.7	15.19	5.8	81 58	
209	71.38	7.4	15.17 (½)	2.6 (½)	278 6	
210	38	7.5	15.24	5.2	278 1	
212	71.39	9.8	30 15.04	16 13 52.7	278 40	3 F.
212	71.39	9.7	30 40.08	18 2 4.1	280 34	
212	71.39	9.4	30 57.09	15 9 51.7	277 42	Bel. zu schw.
R.14	69.37	—	31 4.84 (0.1)	17 50 54.0 (½)	280 20	3 F.
106	70.34	9.2	4.69	52.8	79 40	
208	71.38	9.2	4.81 (½)	52.2	280 24	
13	69.27	8.8	31 58.90 (½)	19 47 48.0 (½)	282 16	
109	70.37	8.0	59.01 (½)	47.7	77 42	3 F.
208	71.38	8.5	58.95	47.8 (½)	282 16	
R.14	69.37	—	32 0.97 (0.4)	14 56 22.0 (½)	277 26	
105	70.34	6.8	1.03	22.8 (½)	82 34	Luft st. schl.
209	71.38	7.0	0.99 (2)	22.2 (½)	277 30	
210	38	7.0	0.91 (2)	22.8 (½)	277 28	
13	69.27	6.7	33 1.41 (½)	18 54 6.1 (½)	281 16	
105	70.34	5.9	1.38	8.0	78 36	
209	71.38	6.5	1.46	6.0 (½)	281 26	* orange
210	38	6.5	1.33 (½)	6.8 (½)	281 16	blass orange
212	71.39	9.2	33 8.39	19 21 25.5	281 54	
R.15	69.37	—	33 19.53 (0.1)	15 21 58.2 (½)	277 48	3 F.
R.14	37	—	19.17	50.5 (½)	277 50	Luft sehr schl.
105	70.34	8.7	19.44	59.2	82 8	
209	71.38	9.0	19.50	58.4 (½)	277 54	
			13h			
R.15	69.37		33m 23s.54 (0.1)	18° 13′ 53″.8 (½)	280° 42′	
109	70.37	8.5	23.48	53.4	79 16	
208	71.38	8.5	23.55	53.0	280 46	
212	71.39	9.4	34 1.96	18 26 52.5 (½)	281 2	
13	69.27	8.8-9	34 35.06 (½)	19 13 35.4 (½)	281 42	
109	70.37	8.1	35.06	35.8	78 16	
208	71.38	8.6	35.08	36.5	281 46	
212	71.39	9.3	34 38.12	19 5 29.0 (½)	281 38	19° 2700 9m.1
F.1	69.38		34 39.82	14 46 6.2 (½)	277 14	* 7m.2?
105	70.34	8.0	39.67	8.7	82 44	
209	71.38	8.4	39.83	7.0	277 18	
210	38	7.0	39.77	8.1	277 18	
R.16	69.38		34 40.03 (0.1)	15 12 13.0 (½)	277 40	
105	70.34	8.5	40.85	14.2	82 18	
208	71.38	9.0	40.91	13.4	277 44	
R.12	69.37		34 42.14 (0.1)	19 30 13.1 (½)	282 18	
108	70.36	8.3	42.08	11.7	77 40	
210	71.38	7.5	42.03	10.3	282 22	
R.13	69.37		34 46.31 (0.1)	18 26 4.4 (½)	280 54	3 F., schl. st.
109	70.37	7.7	46.38 (½)	4.5 (½)	79 4	
209	71.38	8.3	46.41	5.4	280 58	
R.14	69.37		35 6.23 (0.1)	16 33 42.5 (½)	*279 2	3 F.
107	70.35	8.5	6.31 (½)	44.0	80 57	
210	71.38	8.4	6.31	43.0	279 6	
13	69.27	8.8-9	35 39.96 (0.4)	19 53 11.5 (½)	282 22	
109	70.37	8.7	39.93	12.8	77 36	
208	71.38	8.8	39.92	12.1	282 26	
R.18	69.43		35 49.80 (0.4)	14 45 2.5 (½)	277 18	
105	70.34	8.0	49.66	3.0	82 44	
209	71.38	8.6	49.67	2.0	277 18	
R.15	69.37	—	36 6.67 (0.1)	19 7 23.3 (½)	281 30	3 F.
107	70.35	8.5	6.77 (½)	25.3	78 22	3 F.
208	71.38	9.0	6.79	24.6	281 40	
212	71.39	9.4	36 27.74	18 14 45.2 (½)	280 48	
R.13	69.37		36 27.85 (0.1)	15 46 46.1 (½)	278 16	3 F.
105	70.34	7.0	27.75	45.9 (½)	81 42	
210	71.38	7.3	27.86	44.2	278 20	* blass orange
212	71.39	9.6	37 0.55	19 33 16.6	282 6	
13	69.27	9	37 18.35 (½)	19 51 44.4 (½)	282 20	
108	70.36	9.4	18.36 (½)	44.6 (½)	77 38	3 F.
109	37	9.0	18.40	44.7	77 38	
208	71.38	9.0	18.46	44.8	282 24	
107	70.35	8.3	37 23.27	16 12 23.2	81 18	
209	71.38	(9.3)	23.38	22.3	278 46	
211	39	8.1	23.30	21.6	278 46	
105	70.34	8.0	37 32.63	14 48 16.9	82 42	
210	71.38	9.3	32.70	16.9	277 22	
211	39	8.5 rthl	32.72	16.0	277 22	
R.16	69.38		37 33.01 (0.1)	14 50 44.0 (½)	*277 28	
107	70.35	7.3	32.96	46.3	82 30	
210	71.38	7.0	33.05	47.1	277 32	
R.15	69.37		37 48.03 (0.2)	18 2 18.7 (½)	280 30	
108	70.36	8.3	47.99	17.7	79 28	
210	71.38	7.5	47.98	17.1	280 34	
212	71.39	9.6	38 3.60	18 12 51.0 (½)	280 46	Bel. zu hell
R.14	69.37	schw	38 3.71 (0.1)	15 35 51.6 (½)	278 4	3 F.
105	70.34	9.3 W	3.78	52.1	81 54	
208	71.38	9.3	3.85	50.0	278 8	Bel. zu hell
107	70.35	9.5	38 31.58	15 41 45.0	81 48	
109	37	9.6	31.95	40.6	81 48	
208	71.38	[illegible]	31.68 (½)	40.3	278 14	3 F.
210	38	[illegible]	31.90	41.6	278 14	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			13h			
108	70.30	9.0	30m 0.00	18° 28′ 47.7	79° [illegible]	
109	70.37	9.3	30 7.08	18 30 12.4	78 40	
211	71.39	9.3	7.06	11.7	281 37	
13	69.27	7.8	30 7.28	18 30 40.0	281 28	[illegible]
109	70.37	7.8	7.26	41.5	78 36	
211	71.39	8.0	7.23	41.5	281 32	[illegible]
110	70.37	8.6	30 11.67	16 43 7.7	80 46	
209	71.38	9.1	11.83	7.4	[illegible] 16	
R.13	69.37		30 23.21	15 44 18.0	278 4	
R.14	37		23.21	18.2	[illegible]	
105	70.34	8.3	23.41	18.4	81 [illegible]	
210	71.38	8.0	23.51	15.6	278 6	
R.15	69.37		30 35.27	18 [illegible] 11.7	280 [illegible]	
111	70.38	9	35.10	13.3	79 [illegible]	
208	71.38	8.9	35.17	11.9	280 54	
110	70.37	7.9	30 36.47	16 35 10.3	81 54	
211	71.39	8.0	36.38	10.2	279 [illegible]	
212	71.39	9.5	30 44.48	17 53 57.8	280 26	[illegible]
109	70.37	9.1	30 45.80	18 57 58.8	78 42	
211	71.39	9.1	45.79	59.2	281 30	
R.16	69.38		30 48.71	16 17 17.4	278 46	
110	70.37	9.2	48.86	19.3	81 12	
209	71.38	9.3	48.85	18.4	278 50	
107	70.35	8.3	40 0.85	15 4 22.0	82 20	
210	71.38	8.5	0.87	21.8	277 36	
109	70.37	8.7	40 28.22	16 22 41.8	81 8	
209	71.38	9.0	28.21	41.6	278 50	
R.15	69.37		41 16.07	15 13 32.5	278 42	
105	70.34	8.5 W	16.14	33.6	81 46	
211	71.39	9.1	16.08	32.9	278 36	
111	70.38	8.5	41 20.20	19 40 56.0	77 18	
208	71.38	8.2 sic	20.01	55.8	282 14	
111	70.38	8.6	41 43.04	19 55 58.3	77 31	
211	71.39	8.3	42.95	57.5	282 28	
R.16	69.38		41 50.24	19 14 [illegible]	282 2	
110	70.37	7.7	50.20	10.3	77 56	
209	71.38	7.9	50.25	[illegible]	282 6	
R.18	69.43	—	42 25.20	18 52 22.1	280 26	
107	70.35	8.2	25.16	21.4	78 38	
210	71.38	8.7	25.18	21.0	280 26	
211	39	8.3	25.16	21.2	280 24	
R.15	69.37	—	43 20.88	15 18 [illegible]	281 58	
105	70.34	8.4	20.79	51.5	78 [illegible]	[illegible]
210	71.38	8.9	20.80	51.0	280 12	
210	71.38	9.2	43 25.36	15 19 [illegible]	280 52	
107	70.35	8.5	43 25.95	15 [illegible] [illegible]	[illegible]	
209	71.38	8.8	26.06	5.1	81 [illegible]	
109	70.37	4.0 unge	43 26.00	11 [illegible] [illegible]	81 [illegible]	
113	13		26.06	5.6	[illegible]	
110	70.37	8.4	43 37.20	19 58 58.8	[illegible]	
209	71.38	8.5	37.26	[illegible]	[illegible]	
212	71.39	9.5	43 40.60	19 [illegible] [illegible]	[illegible]	
R.16	69.38		43 40.30	15 30 31.8	[illegible]	
105	70.34	8.1	40.34	30.5	81 [illegible]	
210	71.38	8.4	40.28	30.2	[illegible]	
110	70.37	8.2	43 53.80	19 58 [illegible]	[illegible]	
209	71.38	8.1	53.90	[illegible]	[illegible]	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			13h			
[illegible]	[illegible]	9.0 W	44m 2.11	15° 25′ 38.2	82° 4′	
[illegible]	[illegible]	9.1	2.17	38.1	277 58	
211	39	9.9	2.12	38.3 (½)	277 58	
[illegible]	[illegible]	9.1	44 2.58	19 26 35.7	78 4	
[illegible]	[illegible]	8.1	2.63	34.5 (½)	282 0	
211	39	9.1	2.50	34.3	282 0	
[illegible]	[illegible]		44 8.38	19 15 5.1	281 44	
R.15	35		8.41	4.4 (½)	*281 48	
110	[illegible]	[illegible]	8.36 (½)	4.5 (½)	78 14	
113	13	—	8.36 (½)	3.4 (½)	281 48	
13	[illegible]	[illegible]	44 24.53 (½)	18 25 18.8 (½)	280 54	
[illegible]	[illegible]	[illegible]	24.44	18.7	79 4	
211	[illegible]	[illegible]	24.45	19.8	280 58	
R.10	[illegible]		44 42.35	17 38 20.8 (½)	280 6	3 F.
[illegible]	[illegible]	[illegible]	42.15	21.4	79 52	
208	[illegible]	[illegible]	42.14	21.2	280 10	
R.15	[illegible]		45 14.08	16 25 23.4 (½)	278 54	
[illegible]	70.34	[illegible]	14.27	23.9	81 4	
[illegible]	[illegible]	[illegible]	14.23	21.7 (½)	278 58	
R.14	[illegible]		45 18.01	19 30 53.8 (½)	282 0	
[illegible]	[illegible]	8.8	17.94	52.4	77 58	Z.109: 8m.5
[illegible]	71.38	[illegible]	17.98	52.8	282 4	Z.208: 9m
13	[illegible]	[illegible]	45 33.77 (½)	19 26 8.9 (½)	281 54	
[illegible]	[illegible]	[illegible]	33.60	8.9	78 4	
[illegible]	[illegible]	[illegible]	33.60	7.7	281 58	
[illegible]	[illegible]	[illegible]	45 55.12	18 40 3.0 (½)	281 12	
212	[illegible]	[illegible]	46 0.80	14 57 34.3	277 30	
[illegible]	[illegible]		46 12.41	17 59 5.0	280 28	
[illegible]	[illegible]	[illegible]	12.35	5.3	79 30	
208	[illegible]	[illegible]	12.44	3.8	280 32	
R.15	[illegible]		46 16.22	16 13 17.1 (½)	278 42	3 F.
[illegible]	[illegible]	[illegible]	16.25	16.2	81 16	
[illegible]	[illegible]	[illegible]	16.18	14.7	278 46	
R.18	[illegible]		46 32.21 (½)	17 20 52.7 (½)	*279 54	
[illegible]	[illegible]	[illegible]	32.17	52.4	80 10	
[illegible]	[illegible]	[illegible]	32.14	52.8	279 54	
13	[illegible]	[illegible]	46 47.57	18 0 54.2 (½)	280 30	
[illegible]	[illegible]	[illegible]	47.63	55.6	79 28	
[illegible]	[illegible]	[illegible]	47.55	54.2	280 34	
[illegible]	[illegible]	[illegible]	47.63	53.4	280 34	
R.14	[illegible]		47 10.03	15 18 35.5 (½)	277 48	
105	[illegible]	[illegible]	10.20 (½)	37.1 (½)	82 12	
211	[illegible]	[illegible]	10.24	35.2 (½)	277 52	
R.14	[illegible]		47 13.60	18 32 59.4	281 2	
110	[illegible]	[illegible]	13.50	58.7	78 56	schwkd.
113	[illegible]	[illegible]	13.57	58.1 (½)	281 6	
R.11	[illegible]		47 52.30	18 18 45.8 (½)	280 40	
[illegible]	[illegible]	[illegible]	52.44	46.0	79 12	
[illegible]	[illegible]	[illegible]	52.25	45.5	280 52	
[illegible]	[illegible]		47 56.13	17 53 48.3	280 22	
[illegible]	[illegible]	[illegible]	56.24	49.3	79 30	
[illegible]	[illegible]	[illegible]	56.18	48.5	280 26	
110	[illegible]	[illegible]	48 21.47	18 47 15.7	78 42	
209	[illegible]	[illegible]	21.39	17.6	281 20	
R.15	[illegible]		48 [illegible]	15 53 36.8 (½)	278 22	
[illegible]	[illegible]	[illegible]	—	35.7	81 36	
[illegible]	[illegible]	[illegible]	[illegible]	35.3	81 36	
210	[illegible]	[illegible]	—	38.4 (½)	278 26	
[illegible]	[illegible]	[illegible]	[illegible]	37.2 (½)	278 26	

Nr. 5012 = Bonn. [illegible] [illegible]

[illegible]

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			13h			
11	71.39	8.6	48m 54.58s	18° 39′ 1.6″ (½)	281° 12′	
13	39	8.5	54.58	0.4	78 52	
11	70.38	wie 9 W.	49 4.79	17 24 31.7	80 6	
10	71.38	9.2	—	31.9	279 58	
12	39	9.0	4.54	31.8	279 58	
10	70.37	7.9 W.	49 19.56	19 18 18.3	78 12	
14	43	8	19.57	18.5	281 50	
09	71.38	8.0	49 25.91	20 0 5.4	282 32	
11	39	7.9	25.93	4.5	282 32	
13	39	8.0	25.87	4.4	77 30	
11	70.38	schw., W.	49 28.10	15 47 32.8	81 42	Hgl. —5044 ang.
10	71.38	8.7	28.05	32.7	278 20	
.16	69.38	—	49 37.42 (0.4)	17 54 31.9 (½)	280 22	
09	70.37	8.6	37.44	33.3	79 30	
08	71.38	8.8	37.50	32.5	280 28	
09	70.37	9.2	49 52.76	16 27 34.6 (½)	81 2	
10	71.38	9.3	—	33.5	279 0	
12	39	9.2	52.86	34.0	279 0	Bel. e. z. hell
07	71.36	9.2	49 58.18	16 36 59.4	80 54	
11	39	9.2	58.15 (½)	59.7 (½)	279 10	Bel. theilw. zu [hell
.14	69.37	—	50 36.43 (0.4)	16 30 5.1 (½)	278 58	
09	70.37	7.0	36.37	5.4	81 0	
13	43	8.7	36.40 (½)	5.0 (½)	279 2	
11	70.38	9.2	50 41.36	18 18 12.3	79 12	
11	71.39	9.0	41.40	11.2	280 50	
07	71.36	9.1 sic	50 44.94	17 38 15.0	79 52	
11	39	8.6	44.92	15.5	280 10	
.07	70.35	8.9	50 46.40	15 2 44.1	82 28	
08	71.37	9.2	46.35	42.5	277 36	Bem. [1]
07	70.35	9.1	51 3.01	15 0 0.4	82 30	
08	71.37	9.1	3.00	14 59 58.9	277 32	
111	70.38	9.3 W.	51 10.67	16 7 38.3	81 22	
209	71.38	9.4:	10.40	39.7	278 40	
210	38	9.2	10.49	39.7	278 40	
107	70.35	9.0	51 14.96	15 49 21.2	81 40	
210	71.38	9.0	14.98	20.6	278 22	
R.16	69.38	—	51 23.83 (0.4)	16 20 25.0 (½)	278 48	
110	70.37	8.6 W.	23.75	25.4	81 10	
210	71.38	8.3	23.76	26.2	278 54	
13	69.27	7-8	51 38.23 (0.4)	18 52 23.8 (½)	281 20	
110	70.37	7.9 W.	38.38 (½)	22.9 (½)	78 38	
114	43	8	38.39 (½)	23.0 (½)	281 25	
212	71.39	9.6	51 45.08	15 3 3.5	277 36	
213	39	9.4	45.22	4.8	82 28	
109	70.37	7.9	51 51.62	16 48 52.4	80 42	
114	43	7.8	51.69 (½)	52.5 (½)	279 21	
R.14	69.37	—	52 5.90 (0.4)	17 0 47.8 (½)	279 30	
113	70.43	7.8	5.92 (½)	48.1 (½)	279 34	
207	71.36	7.5	5.91 (½)	49.7 (½)	80 30	
110	70.37	8.7	52 12.32	20 4 14.9	77 26	
209	71.38	8.9	12.38	14.0	282 38	
R.15	69.37	—	52 19.34 (0.4)	19 53 50.6 (½)	282 22	
111	70.38	9.1	19.49	50.8	77 36	Fäd. st. schl.
208	71.38	9.1	19.55	50.5	282 26	
212	71.39	9.7	52 22.78 (½)	16 48 47.2	279 22	3 F.
213	39	9.8	22.67	42.7	80 42	Bem. [2]
111	70.38	8.5:	52 24.08 (½)	19 33 14.1	77 56	2 F., δ etw. uns.
207	71.36	8.0 sic	23.98	14.4	77 58	
209	38	8.5	24.01	14.4	282 6	

[1] Com. 10m.0 46s.54 :: 21″.8 :: scheint verfehlt zu sein

[2] die zweite der beiden Decl.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			13h			
F. 1	69.38	—	52m 37.92s	15° 15′ 37.9″	277° 44′	
113	70.43	6.5	37.88 (½)	38.7 (½)	277 48	
207	71.36	6.3	37.85	39.6	82 16	
R.18	69.43	—	52 48.83 (½)	15 10 17.3 (½)	277 44	
107	70.35	7.9	48.73	17.9	82 20	
114	43	h. 7-8	48.75 (½)	16.2 (½)	277 43	
109	70.37	8.0	52 59.66	16 9 28.5	81 20	
210	71.38	8.0	59.64	28.9	278 42	
13	69.27	9	53 0.08 (0.4)	19 27 2.6 (½)	281 56	
110	70.37	9.1	52 59.79	1.6	78 2	
209	71.38	9.2	59.80	3.4	282 0	δ etw. uns.
211	39	9.0	59.80	2.6	282 0	
R.16	69.38	—	53 3.45 (½)	14 59 51.6 (½)	277 28	9m.2 20s v.
107	70.35	9.1	3.33 (½)	52.2 (½)	82 30	
210	71.38	9.0	3.34	51.9	277 32	
109	70.37	9.1	53 16.61	18 27 24.5	79 2	
208	71.38	9.3	16.60	24.8	281 0	
211	39	9.1	16.56 (½)	24.9 (½)	281 0	
R.14	69.37	—	53 31.48 (0.3)	18 31 11.1 (7)	281 0	3 F.
109	70.37	9.0	31.48	9.7	78 58	
208	71.38	9.3	31.41	9.4	281 4	
211	39	9.1	31.45	9.2	281 4	
13	69.27	s. 9	54 26.92 (½)	18 14 21.3 (½)	280 42	
109	70.37	9.0	26.79	20.4	79 16	
209	71.38	9.3	26.75	21.9	280 46	
212	71.39	9.0	54 30.99	19 37 10.0	282 10	
R.15	69.37	—	54 43.25 (0.3)	15 58 56.9 (½)	278 28	3 F.
107	70.35	8.0	43.44 (½)	57.6 (½)	81 31	
113	43	8.3	43.43	56.4	278 32	
R.14	69.37	—	55 33.55 (0.4)	16 38 30.3 (½)	279 8	
110	70.37	9.2	33.40	28.9	80 52	9m.5 s.f., 2′ entf.
210	71.38	9.3	33.34	31.1	279 12	
214	71.39	9.1	55 37.99	19 26 15.0	78 4	
R.16	69.38	—	55 39.54 (0.4)	17 21 42.6 (½)	279 50	
113	70.43	7.8	39.52	42.6	279 54	
207	71.36	7.3	39.54	42.9 (½)	80 9	
13	69.27	s. 6-7	55 40.04 (½)	18 16 36.4 (½)	280 44	
111	70.38	6: W.	39.89	34.7 (½)	79 14	
113	43	6.6	39.94	35.4	280 48	
214	71.39	9.5	55 43.33	19 31 45.1 (2)	77 58	
R.18	69.43	—	56 1.18 (0.4)	16 10 30.7 (½)	*278 44	
107	70.35	9.0*	0.96	29.6	81 20	* höchstens
114	43	8.8	1.03	28.5	278 44	
110	70.37	{ 9.1	56 3.55	20 2 5.2	77 28	} D. 16″ 150° ±
		9.3	4.02	1 44.0	77 28	
209	71.38	{ 9.3	3.54	2 7.2	282 34	
		9.5	4.09	1 45.7	282 34	etw. uns. } [3]
211	39	{ 9.2	3.51	2 5.0	282 36	} Dpl.
		9.4	4.05	1 45.4	282 34	
214	71.39	9.4	56 5.67	19 29 33.2	78 0	
213	71.39	9.5	56 13.25	19 25 53.0	78 4	19° 2748 9m.5
13	69.27	h. 8-9	56 40.09 (½)	19 44 23.5 (½)	*282 12	
109	70.37	7.9	40.18	24.8	77 46	
210	71.38	8.4	40.18 (½)	24.6	282 18	
R.15	69.37	8.8	56 45.91 (½)	15 56 9.5 (½)	278 24	
107	70.35	8.7	45.94	10.2	81 34	
209	71.38	8.8	45.93	10.7	278 28	
107	70.35	8.8	56 49.34	14 53 0.9	82 38	
208	71.37	9.0	49.25	52 59.6	277 26	

[3] Dpl. 15″ 160°

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			13h			
110	70.37	8.0	56m53s.80	18° 35' 26".7	78° 54'	
114	43	8.0	53.86	27.0	281 8	
110	70.37	7.4	56 55.99	15 34 40.7	81 54	
113	43	7.7	56.10	40.4	278 8	
212	71.39	10.0	57 5.64	16 17 7.0	278 50	
207	71.36	9.2	57 26.59 (½)	16 17 37.1 (½)	81 13	Z. 212: 9m.3
R.16	69.38	—	57 28.21 (½)	18 16 1.4 (½)	280 44	
109	70.37	8.9	28.01	1.7	79 14	
208	71.38	9.2	27.94	0.6	280 48	
107	70.35	8.8	57 55.33	14 46 1.4	82 44	
208	71.38	8.9	55.34	0.3	277 18	
211	39	8.8	55.49	1.4	277 18	
107	70.35	9.2	58 16.67	14 52 38.0	82 38	
208	71.38	9.3	16.65	38.2	277 24	
211	39	9.3	16.65 (½)	38.2 (½)	277 20	
13	69.27	8	58 38.81 (½)	19 46 54.3 (½)	282 16	schwkd.
110	70.37	7.6	38.87	52.7	77 42	
113	43	8.0	38.79 (2)	53.3 (½)	282 20	
R.14	69.37	—	58 39.81 (0.3)	17 50 39.2 (½)	280 20	3 F.
109	70.37	8.8	39.84	39.7	79 40	
114	43	9.0	39.83	39.7	280 24	
R.15	69.37	8.6	59 17.42 (0.4)	17 17 28.7 (½)	279 46	
109	70.37	8.5	17.46	28.7	80 12	
209	71.38	8.6	17.51 (½)	28.5	279 50	
R.16	69.38	—	59 42.74 (0.4)	15 35 17.2 (½)	278 4	
107	70.35	9.3	42.69	18.0	81 54	
208	71.38	9.4	42.64	17.7 (½)	278 8	
			14h			
107	70.35	8.9	0 0.52	15 8 33.1	82° 22'	
114	43	8.9	0.55	33.1	277 42	
13	69.27	h. 9	0 2.91 (0.4)	18 52 23.6 (½)	*281 20	
109	70.37	8.9	2.91	23.9	78 38	
114	43	9.1	2.85	23.6	281 24	
R.14	69.37	—	0 16.03 (0.4)	17 2 51.1 (½)	279 32	
110	70.37	9.0 W.	15.99	51.0	80 26	
209	71.38	[=9.4W.]	15.94	50.6	279 36	
210	38	9.0	16.04 (½)	51.2 (½)	279 36	
207	71.36	9.1	0 28.48	17 17 46.7 (½)	80 12	
212	39	9.1:	28.52	49.3	279 50	
111	70.38	[6?]*	0 32.22 (½)	17 34 0.1 (½)	79 56	* Wolken
113	43	6.9	32.16	1.7	280 6	
R.16	69.38	—	0 38.02 (0.3)	18 30 36.1 (½)	281 0	3 F.
110	70.37	7.5	37.97	34.7	79 0	
113	43	7.9	37.95	33.8	281 2	
R.15	69.37	9.2	0 46.08 (0.3)	19 5 4.3 (½)	281 34	3 F.
109	70.37	9.2	46.19	3.2	78 24	
208	71.38	9.3	46.12	2.4	281 38	
207	71.36	9.3	0 46.31 (½)	17 16 55.2 (½)	80 14	
212	39	9.3	46.36	55.8	279 50	
207	71.36	9.7	0 47.40	15 10 56.7	82 20	
107	70.35	8.8	1 54.07	15 56 7.7	81 34	
208	71.38	8.9	54.14	8.2	278 28	
211	39	8.7	54.07 (½)	8.4 (½)	278 28	
R.14	69.37	—	1 54.87 (0.4)	16 39 15.2 (½)	*279 8	
110	70.37	8.7	54.89	17.7	80 50	
114	43	9.0	54.88	17.2	279 12	
109	70.37	7.8	1 55.31	17 27 45.5	80 2	
113	43	7.9	55.36	44.9	280 0	
212	71.39	9.1	2 0.14	15 13 2.7	277 46	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14h			
109	70.37	8.9 sic	2m22s.12	17° 19' 10".1	80 10'	
209	71.38	= 9	22.13	10.3 (½)	279 52	
210	38	9.0 sic	22.12	9.7	279 52	
R.16	69.38	—	2 26.75 (0.3)	17 42 4.9 (½)	280 10	3 F
110	70.37	8.0	26.57	6.4	79 48	
113	43	8.3	26.66	5.2 (½)	280 14	
R.15	69.37	9.0	2 29.21 (½)	15 35 27.8 (½)	278 4	
107	70.35	9.1	29.38	26.2 (½)	81 54	
210	71.38	9.0	29.32	27.4	278 8	
111	70.38	9.1	2 29.98	19 55 12.5	77 34	
208	71.38	9.0	29.92 (½)	12.1 (½)	282 28	
13	69.27	h. 7-8	2 47.95 (½)	18 13 58.8 (½)	280 42	
110	70.37	7.5	47.81	57.8	79 16	
113	43	8.0	47.82	57.1	280 46	
111	70.38	(=8.8,W.)	3 1.80	20 3 37.7	77 26	
209	71.38	8.3	1.68	37.3	282 36	
109	70.37	8.2	3 10.38	17 56 55.9	79 32	
209	71.38	8.0	10.39	57.3	280 30	
R.18	69.43	—	3 35.29 (½)	17 37 49.0 (½)	280 10	
110	70.37	9.1	35.25	49.8	79 52	
209	71.38	9.0	35.26	48.0	280 10	
113	70.43	7.0	3 37.71	16 12 58.2	278 46	
207	71.36	7.0	37.70	58.7	81 18	
107	70.35	8.4	3 39.83	15 0 27.9 (½)	82 30	
210	71.38	8.2	39.97	27.8	277 34	
111	70.38	wie 8.8	3 50.81	18 55 11.2	78 34	
211	71.39	8.5	50.77	11.9 (½)	281 28	
111	70.38	wie 9.4	4 12.28 (½)	19 23 23.0 (½)	78 6	etw. uns
207	71.36	9.2	11.98	23.3 (½)	78 8	
208	38	9.3	11.94	21.6 (½)	281 56	
R.15	69.37	8.6	4 13.95 (0.4)	18 18 31.0 (½)	280 46	
211	71.39	8.5	13.84	32.2	280 52	
213	39	8.8	13.85 (½)	32.9	79 12	
109	70.37	8.6	4 20.79	19 56 50.0 (½)	77 32	
209	71.38	8.5	20.76	49.8	282 30	
R.16	69.38	—	4 27.72 (½)	15 0 25.0 (½)	277 28	
107	70.35	8.6	27.60	25.8	82 30	
210	71.38	8.5	27.66	25.6 (½)	277 34	
211	71.39	8.3	4 35.35	16 3 54.9	278 36	
213	39	8.5:	35.39	55.6	81 26	
109	70.37	7.0	4 44.03	15 52 54.3	81 36	
210	71.38	7.0*	44.03	54.2	278 26	* blass orange
211	71.39	8.6	4 52.26	18 52 48.8	281 26	
213	39	9.0	52.17 (½)	47.3 (½)	78 38	
109	70.37	8.2	4 56.98	15 48 30.7	81 42	
210	71.38	8.1	57.03	30.0	278 22	
110	70.37	8.7	5 4.57	19 41 26.4	77 48	
211	71.39	8.5	4.57	27.0	282 14	
214	71.39	9.5	5 5.11	18 39 47.4	78 50	
214	71.39	9.4	5 6.04	18 38 28.8	78 52	
107	70.35	8.9	5 7.95	15 43 18.3	81 46	
210	71.38	8.9	8.07	17.9	278 16	
R.18	69.43	—	5 16.63 (0.3)	15 41 32.1 (½)	278 14	3 F
107	70.35	8.5	16.58	33.0	81 48	
210	71.38	8.5	16.57	33.3	278 14	
207	71.36	9.2	5 43.91	15 24 42.4	82 6	
211	39	9.0	43.97	42.2	277 58	Bel [illegible]
R.15	69.37	9.3	6 0.91 (0.3)	17 43 13.0 (½)	280 12	3 F
210	71.38	9.2	0.72 (½)	11.3	280 16	3 F — Bel [illegible]
213	39	9.2	0.70	12.2	79 48	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14h			
16	69.38	—	6m 6s.26 (0.4)	19° 32′ 6″.6 (½)	*282° 0′	
10	70.37	8.3	6.20	6.8	77 58	
09	71.38	8.3	6.18	6.8	282 4	
09	70.37	8.8	6 14.43	19 38 34.6	77 52	
01	71.38	9.1	14.44	34.5	282 12	
11	70.38	wie 9.4	6 16.71	19 56 56.3	77 32	zl. sicher
09	71.38	9.2	16.57	57.9	282 30	
13	39	9.2	16.57	57.1	77 34	
12	71.39	10.2	6 21.01	18 38 7.5	281 10	
07	70.35	9.2	6 30.35	14 53 46.4	82 36	
13	43	9.2	30.41	46.4	277 20	
12	71.39	10	6 32.47	17 2 32.4	279 36	
11	70.38	—	6 44.27	16 15 3.1 (½)	81 14	
14	43	8.1	44.22	2.1	278 48	
09	70.37	8.1	7 1.36	16 27 58.9	81 2	
11	71.39	8.0	1.41	59.5	279 0	
12	71.39	9.3	7 8.31	16 18 14.6	278 52	
14	39	9.3	8.30	13.2	81 12	
10	70.37	8.8	7 22.76	17 5 28.6	80 24	
10	71.38	8.6	22.65	27.9	279 38	
.15	69.37	9.0	7 31.23 (0.3)	16 40 11.5 (½)	279 14	3 F.
09	70.37	9.0	31.49	12.4 (½)	80 44	
14	43	8.7	31.39	12.3	279 18	
110	71.38	9.1	31.33	12.4	279 18	
112	71.39	9.4	7 31.59	18 7 19.5	280 40	18°2845 9m.5
114	39	9.6	31.43	20.3	79 24	9.4
R.18	69.43	—	7 34.14 (0.4)	15 25 0.8 (½)	277 58	
111	70.38	wie 0.5 W.	34.30	0.4	82 4	15°2681 9m.4
13	69.27	s. 9	7 36.87 (0.3)	18 45 10.5 (½)	281 14	3 F.
110	70.37	9.3	36.75	10.3	78 44	
109	71.38	9.2	36.89	11.4	281 18	
110	70.37	7.7	8 18.94	18 40 29.5	78 50	
109	71.38	8.0*	18.98	29.0	281 14	unter Wolk.
R.16	69.38	—	8 21.07 (0.6)	15 34 8.7 (½)	278 2	
107	70.35	9.0	21.07	8.8	81 56	
117	43	9.0	21.08 (½)	7.3 (½)	278 6	
13	69.27	s. 8-9	8 34.81 (0.4)	19 33 6.8 (½)	282 2	
207	71.36	8.6	34.93	5.4	77 58	
210	38	8.8	34.90	5.7	282 6	
209	71.38	9.1	8 44.28	19 9 28.9	281 42	Z.107: 9m.0[1]
213	39	9.0	44.25	27.0	78 22	Bem.[1]
107	70.35	9.0	8 44.77	19 5 11.1	78 24	Z.209: 9m.0;
113	43	9.2	44.76	10.1	281 36	213: 9m.0
109	70.37	8.5	8 46.00	16 35 38.4	80 54	
114	43	8.0	45.91	38.6	279 8	
110	70.37	8.4	8 51.06	18 43 27.7	78 46	
211	71.39	8.5	51.03	27.5	281 16	
212	71.39	9.5	9 13.39	18 13 6.5	280 46	
213	39	9.3	13.62	8.1	79 18	
R.15	69.37	8.9	9 16.54 (0.3)	18 6 2.0 (½)	*280 31	3 F.
207	71.36	8.8	16.45	2.3	79 24	
211	39	8.2	16.44	2.9	280 38	
211	71.39	9.5	9 18.85	18 13 57.1	280 46	
212	39	9.3	18.98 (½)	57.4	280 46	3 F. — Δ nicht gut
213	39	9.2	18.86	56.6	79 16	
210	71.38	9.3	9 32.94	17 5 10.4	279 38	
214	39	9.2	33.05	9.6	80 26	

[1] Z.113: etwas schwächer als der — 4′S. (also unter 9m.2) 9m.2 f. fast 3s, 2′N.; 19°2774 9m.2 — Z.209: 9m.3 f.3s 1.5′N.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14h			
13	69.27	9	10m 7s.56 (½)	19° 37′ 27″.1 (½)	282° 6′	
111	70.38	9.5	7.69 (½)	26.1	77 52	etw. uns.
207	71.36	9.1	7.61	25.6	77 54	
209	38	9.3	7.55	25.9 (½)	282 10	
209	71.38	5 ðu.nm	10 11.43	19 29 40.0	282 2	
214	39	6.0	11.48	41.1	78 0	
R.16	69.38	—	10 12.45 (½)	16 8 43.4 (½)	278 30	
114	70.43	8.6	12.51 (½)	43.7 (½)	278 41	
214	71.39	8.9	12.45	42.5	81 22	
R.18	69.43	—	10 28.48 (0.3)	18 0 22.3 (½)	280 32	
210	71.38	8.4	28.51	21.1	280 34	
213	39	8.3	28.50	21.8	79 30	
214	71.39	9.4	11 8.76	19 16 26.6 (½)	78 14	
107	70.35	7.0*	11 29.92	15 50 33.0	81 38	* schw. orange
113	43	7.3*	29.92	33.0	278 22	* dgl.
13	69.27	s. 8.9	11 34.97 (½)	17 57 10.8 (½)	280 26	
110	70.37	W., schw.	35.09	9.0	79 32	Hgl. —s.044 ang.
210	71.38	9.0 sic	35.01	9.8	280 30	
R.15	69.37	9.2	11 48.75 (0.4)	16 38 11.9 (½)	279 6	
114	70.43	8.6	48.52	13.1	279 10	
213	71.39	9.2	48.43	12.9	80 52	
R.16	69.38	—	11 57.74 (½)	15 28 20.2 (½)	277 56	
107	70.35	9.2	57.71	26.2	82 2	
113	43	9.3	57.67	26.3	278 0	
210	71.38	9.1	12 2.76	19 1 16.8	281 34	
213	39	9.1	2.69	17.5	78 30	
111	70.38		12 7.36	19 13 [42.0:]	78 16	
207	71.36	8.9	7.29	47.0	78 18	
209	38	9.0	7.24	46.4	281 46	
211	39	9.0	7.28	47.2 (½)	281 46	
13	69.27	8.9	12 41.97 (½)	19 31 44.9 (½)	282 0	
114	70.43	8.6	42.11	44.2	282 4	
207	71.36	8.8	42.04 (½)	45.4 (½)	78 0	
210	71.38	7.8	12 49.42	17 55 50.3	280 28	
213	39	7.7	49.44	49.0	79 34	
R.15	69.37	9.2	13 8.30 (0.1)	15 3 31.5 (½)	277 32	
107	70.35	9.3	8.25	31.1	82 26	
113	43	9.4	8.28	31.6	277 36	
R.18	69.43	—	13 11.29 (0.4)	17 14 39.4 (½)	279 46	
207	71.36	9.3	11.42	40.8	80 16	
210	38	9.2	11.31	40.2	279 48	
111	70.38	7 W	13 12.80	19 38 30.6	77 52	
209	71.38	6.7	12.82	30.6	282 12	
211	39	7.3	12.92	31.2 (½)	282 10	
R.14	69.37	—	13 [27.45]	15 30 43.0 (½)	278 0	2 F.
107	70.35	8.4	27.68	41.9	82 0	
113	43	8.4	27.72	40.9	278 4	
13	69.27	9	13 42.84 (½)	18 12 44.7 (½)	280 40	
110	70.37	[9.2 W.]	42.96	42.9	79 18	
209	71.38	9.2	42.90	43.0	280 46	
210	38	9.1	42.88	44.1	280 46	
R.16	69.38	—	13 50.22 (0.4)	16 52 50.1 (½)	279 20	
114	70.43	6.0	50.34	49.2	279 26	
213	71.39	5.0 orge	50.38	49.3	80 38	
R.18	69.43	—	14 33.11 (0.4)	19 40 33.6 (½)	282 22	
111	70.38	9.1	33.20	31.8 (½)	77 40	
207	71.36	8.6	33.16	34.3	77 42	
209	38	9.0	33.12	33.2	282 22	
210	38	8.5	33.21	33.9	282 22	

Nr. 5168: α Bootis, Fund.-St.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14h			
R.14	69.37	—	14m44.23 (·)	15°27'51.8 (½)	277°56'	3 F.
107	70.35	8.7	44.18 (½)	51.1	82 2	
113	43	8.0	44.22 (½)	52.5 (½)	278 0	
13	69.27	9	14 58.58 (½)	18 1 54.8 (½)	*280 32	
114	70.43	9.1	58.49	54.9	280 38	
213	71.39	8.0	58.15	55.5	79 26	
R.16	69.38		15 18.87 (·)	19 45 11.6 (½)	282 14	3 F.
111	70.38	—	19.07 (½)	10.9	77 44	3 F.
114	43	7.2	18.79	10.1	282 18	
207	71.36	7.0	18.82	10.7	77 40	
R.15	69.37	9.0	15 24.25 (·)	15 27 58.6 (½)	277 56	
107	70.35	8.8	24.25	58.2	82 2	
113	43	9.1	24.17 (½)	58.4 (½)	278 0	
214	71.39	9.7	15 50.48	19 20 13.0	78 2	0m.7 [illegible]
207	71.36	8.4	15 51.75	19 56 17.0 (½)	77 34	
209	38	9.2	51.70	17.7 (½)	282 28	
210	38	8.1	51.70	16.0	282 28	(Gr. gm)
R.18	69.43	—	16 41.28 (·)	17 7 57.7 (½)	279 50	2 F.
114	70.43	9.0:	41.48	56.9	279 50	
213	71.39	9.0	41.52	56.8	80 22	
R.14	69.37		16 52.02 (·)	15 30 54.9 (½)	277 58	3 F.
107	70.35	7.9	51.88	54.0	82 0	
113	43	8.1	51.83	54.8 (½)	278 0	
13	69.27	8.9	16 55.05 (½)	18 1 27.1 (½)	280 30	
114	70.43	7.9	55.94	25.6	280 34	
213	71.39	8.0	55.90	26.3	79 28	
207	71.36	9.2	16 57.18	18 58 31.5	78 32	
209	38	9.3	57.18	31.6	281 30	
210	38	9.2	57.09	31.3	281 30	
R.16	69.38	—	17 7.26 (·)	17 40 43.6 (½)	280 10	
209	71.38	[8.3]	7.31	43.5	280 14	
213	39	9.0	7.20	42.5	79 50	
R.15	69.37	9.1	17 19.74 (·)	16 5 46.5 (½)	278 34	
114	70.43	9.0	19.79	47.[illegible]	278 38	
214	71.39	8.9	19.89	47.7	81 24	
107	70.35	9.1	17 28.88	14 50 8.8	82 40	
113	43	9.4	28.91	8.0	277 22	
207	71.36	9.0	17 31.74 (½)	19 7 55.1 (½)	78 [illegible]	
209	38	8.8	31.80	55.5	281 40	
13	69.27	8-9	17 48.81 (½)	18 20 12.6 (½)	280 38	
207	71.36	9.0	48.09	12.5	79 10	
209	38	9.0	48.10	14.0	280 52	
210	71.38	8.3	17 56.25	17 24 59.9	279 58	
213	39	8.5	56.20	25 0.7	80 0	
R.18	69.43	—	18 16.02 (·)	16 50 24.7 (½)	279 22	
114	70.43	7.3	16.14	25.8	279 22	
214	71.39	6.8	16.07	20.7	80 40	
R.14	69.37	—	18 20.30 (·)	15 33 51.3 (½)	278 7	3 F.
107	70.35	9.2	20.55	51.5	81 50	
113	43	8.9	20.30	50.9	278 0	
R.15	69.37	9.0	18 26.41 (·)	15 59 56.1 (½)	278 28	[illegible]
107	70.35	9.3	26.30	55.7	81 50	
113	13	9.4	26.30	55.2	278 50	[illegible]
214	71.39	9.4	18 34.30	17 25 21.8	80 0	
111	70.38	[illegible]	19 10.71 (½)	20 4 35.7	77 [illegible]	
209	71.38	8.0	10.67	37.[illegible]	282 [illegible]	
13	69.27	8	19 13.84 (½)	18 49 17.3 (½)	280 [illegible]	
207	71.36	8.0	13.75	17.7	78 [illegible]	
210	71.38	8.1	13.73	17.5	281 [illegible]	
210	71.38	9.1	19 30.74 (½)	18 10 52.6 (½)	280 [illegible]	
213	39	8.9	30.67	[illegible]	79 [illegible]	
			14h			
R.16	69.38		19m40.49 (½)	17°58'57.0 (½)	280°28'	
107	70.35	8.7	40.43	55.7	79 32	
113	43	8.8	40.50	55.6	280 32	
111	71.39	9.1	19 57.89	18 58 31.8	281 30	
213	39	9.2	57.61	32.3	78 32	
R.18	69.43		20 10.34 (½)	14 54 18.6 (½)	277 26	
107	70.35	8.9	10.32	19.8	82 36	
113	43	8.9	10.45	18.6	277 26	
13	69.27	8.8	20 23.07 (½)	19 46 23.1 (½)	**282 14	
111	70.38	9.1	23.29	23.7	77 44	Z.114 [illegible]
210	71.38	8.0	23.11	23.7	282 20	
207	71.36	8.6	20 32.62	19 56 33.1	77 34	
209	38	8.5	32.65	32.4	282 28	
207	71.36	9.0	20 36.15	19 51 58.2 (½)	77 38	
209	38	9.1	36.02	59.0	282 24	
210	39	8.8	36.01 (½)	58.0 (½)	282 24	
211	71.39	9.5	20 36.70	16 23 44.8	278 56	
214	40	9.8	36.77	46.2 (½)	81 6	
111	70.38	7	20 38.60	19 47 22.7	77 42	
114	43	6.0	38.64	21.4	282 20	
210	71.38	8.5	38.58	23.6	282 20	
113	70.43	8.0	20 49.26	16 58 41.3	279 30	
213	71.39	7.9	49.19	41.5	80 32	
R.16	69.38		21 3.01 (·)	19 29 17.1 (½)	281 58	3 F
207	71.36	9.1	3.14	16.8	78 2	
209	38	9.2	3.13	16.9	282 2	
R.15	69.37	8.6	21 8.20 (·)	16 3 40.0 (½)	278 32	
114	70.43	8.3	8.18	39.3	278 36	
213	71.39	8.5-6	8.15	39.6	81 26	
R.14	69.37		21 32.70 (·)	15 18 57.6 (½)	277 48	
107	70.35	[illegible]	32.60 (½)	58.4 (½)	82 10	
113	43	[illegible]	32.63 (½)	58.8 (½)	277 52	
R.18	69.43		22 1.28 (·)	17 7 1.7 (½)	279 40	
210	71.38	8.3	1.63	1.7	279 40	
213	39	8.3	1.23	2.6 (½)	80 24	
209	71.38	8.1	22 5.02	17 28 47.7	280 2	
213	39	8.3	5.06	49.8	80 2	
107	70.35	9.1	22 18.73	15 2 22.1	82 28	
113	43	9.1	18.73	21.8	277 34	
114	70.43	7.3	22 19.39	16 41 9.2	279 14	
213	71.39	[illegible]	19.34	9.5	80 50	
210	71.38	8.1	22 22.70 (½)	16 13 —	278 —	
211	39	8.5	22.76	51.1 (½)	278 46	
213	39	8.4	22.64	49.8	81 16	
R.15	69.37	8.9	22 31.26 (·)	16 19 0.1 (½)	278 48	Fäd. st. sch[illegible]
210	71.38	8.7	31.21	0.4	278 52	
213	39	8.9	31.19	18 50.9	81 12	
211	71.39	[illegible]	22 49.28	15 19 28.4	277 52	
[illegible]	[illegible]	[illegible]	49.19	26.6 (2)	82 12	
211	71.39	[illegible]	22 57.80	15 20 24.2	277 52	
[illegible]	[illegible]	[illegible]	57.69	22.4 (½)	82 10	
R.16	69.38		23 [illegible]	17 32 50.3 (½)	*280 2	
209	71.38	[illegible]	5.04	55.7	280 6	
213	[illegible]	[illegible]	5.06	56.1	79 58	
R.14	69.37		[illegible]	16 28 21.3 (½)	278 56	3 F
114	70.43	[illegible]	[illegible].71	22.5	279 0	
214	71.39	[illegible]	[illegible]	21.9	81 2	
R.16	69.38		[illegible].47	15 13 58.1 (½)	277 42	3 F
107	70.35	[illegible]	[illegible].52	57.9 (½)	82 16	
113	43	[illegible]	[illegible]	58.3	277 46	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14^{h}			
R.18	69.43	—	$23^{m}43^{s}.70$ (0.3)	$16^{\circ}42'39''.0$ (¼)	$279^{\circ}16'$	3 F.
114	70.43	8.9	43.63	39.9	279 14	
207	71.36	9.1	43.63 (½)	40.4	80 48	$16^{\circ}2656$ $9^{m}.3$
111	70.38	[wie 9.4]	23 59.50:(⅓)	17 19 34.1:(⅓)	80 10	
209	71.38	9.1	59.34	34.5	279 52	
210	38	9.1	59.23	33.7	279 52	
113	39	9.0	59.16	34.3	80 12	
114	70.43	7.6	23 59.56	16 46 2.9	279 18	
207	71.36	7.4:	59.56	2.4	80 44	
R.15	69.37	9.0	24 16.06 (0.4)	15 13 55.8 (¼)	277 42	
107	70.35	8.7	15.95	55.4	82 16	
113	43	9.1	16.09	56.0	277 46	
111	70.38	9.8	24 [32.15::]	19 58 [59.1::]	77 32	dkl. Feld
107	71.36	9.1	31.87	59 0.4	77 32	
209	38	9.3	31.86	58 59.0	282 32	
112	71.39	9.0	24 54.48	17 4 17.6	279 36	
114	39	9.1	54.42	17.4	80 26	
112	71.39	9.8	25 1.39	17 4 27.7 (½)	279 36	
114	39	10.2	1.38	29.7::(½)	80 26	
R.10	69.38	—	25 21.83 (0.4)	17 36 55.1 (¼)	280 6	
111	70.38	[wie 8.9]	21.75	54.1	79 54	ziemlich
114	43	8.6	21.75	55.3	280 10	
107	70.35	7.2	25 42.56	18 11 54.8	79 18	
113	43	7.7	42.61	56.3	280 44	
114	70.43	9.3	25 45.47	17 37 46.1	280 10	
213	71.39	9.2	45.54	45.7	79 54	
R.15	69.37	9.1	25 52.70 (0.3)	15 48 31.0 (¼)	278 16	3 F.
107	70.35	9.3	52.51	30.6	81 42	
113	43	9.3	52.59	30.2 (½)	278 20	
210	71.38	8.5	26 10.39	19 19 17.0	281 52	
214	39	8.7	10.38	17.5	78 12	
210	71.38	7.6	26 17.58	19 23 21.9	281 56	
214	39	8.0	17.63	22.7	78 8	
208	71.38	8.8	26 28.32	17 21 8.5	279 54	
213	39	8.6	28.18	7.6	80 10	
114	70.43	8.7	26 30.70	16 58 49.8	279 32	
215	71.40	8.8	30.75	50.0	80 32	
209	71.38	8.0	26 37.56	17 6 6.2	279 38	
215	40	8.1	37.53	5.0	80 24	
R.16	69.38	—	27 19.91 (0.4)	17 41 48.4 (¼)	280 10	
207	71.36	9.0	20.04	47.4	79 48	
208	38	9.0	19.99	48.5	280 14	
R.18	69.43	—	27 30.17 (½)	14 46 56.0 (¼)	277 20	
107	70.35	8.5	30.21	55.1	82 44	
113	43	9.0	30.21	56.0	277 20	
R.15	69.37	9.3	27 52.75 (0.3)	16 23 44.8 (¼)	278 52	3 F.
114	70.43	9.2	52.76	43.0	278 56	
213	71.39	9.2	52.75 (½)	42.3	81 6	nicht gut
211	71.39	9.5	27 54.38	18 41 31.2	281 14	
215	40	9.7	54.40	29.0	78 50	
208	71.38	9.7	28 4.68	18 48 40.8	281 22	
215	40	9.5	4.63	36.0	78 42	etw. uns.
107	70.35	9.2	28 4.76	15 16 46.3	82 14	
113	43	9.3	4.71	46.9	277 50	
107	70.35	9.1	28 5.93	16 11 7.9 (½)	81 20	
113	43	9.0	5.91	7.4	278 44	
R.16	69.38	—	28 13.52 (0.4)	16 9 42.0 (¼)	278 38	
107	70.35	9.3	13.55	40.4	81 20	
113	43	9.2	13.65	41.9	278 42	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14^{h}			
R.15	69.37	—	$28^{m}58^{s}.37$ (0.4)	$16^{\circ}58'17''.6$ (¼)	$279^{\circ}26'$	
114	70.43	8.7	58.38	16.1	279 30	
214	71.39	8.6	58.48	17.9	80 32	
13	69.27	8:	29 28.11 (0.6)	19 45 48.8 (½)	*282 14	
115	70.45	8.3	28.17 (½)	46.2 (½)	282 18	
207	71.36	8.0	28.18	45.9	77 44	
R.14	69.37	—	29 39.27 (0.4)	19 48 9.8 (¼)	282 16	
115	70.45	8.6	39.45 (½)	9.7 (½)	282 20	
207	71.36	8.2	39.42	9.4	77 42	
R.18	69.43	9.0	29 55.38 (0.1)	18 4 50.8 (¼)	280 38	
114	70.43	9.1	55.43	50.8	280 38	
214	71.39	9.1	55.38 (½)	50.8 (½)	79 26	
R.13	69.37	—	30 28.07 (0.4)	16 23 56.6 (¼)	278 52	
114	70.43	9.2	27.88	57.1 (½)	278 56	
213	71.39	9.2	27.89 (½)	57.2	81 6	
207	71.36	9.2	30 28.38	19 57 9.6 (½)	77 34	
208	38	9.1	28.46	9.2	282 30	
107	70.35	9.1	30 38.08	14 54 39.6	82 36	Z. 208: $9^{m}.0$
113	43	9.1	38.14	38.4	277 26	» 215: 9.2
208	71.38	9.4	30 44.12	14 51 6.6	277 24	
215	40	9.4	44.22	5.9	82 40	
R.16	69.38	—	30 45.95 (0.4)	15 37 7.9 (¼)	278 6	
107	70.35	9.3	45.99	9.1	81 52	
113	43	9.3	46.04	9.2	278 10	
R.15	69.37	—	31 6.66 (0.2)	15 15 23.3 (¼)	277 44	2 F.
107	70.35	8.5	6.66	24.2	82 14	
113	43	8.4	6.66	24.2	277 48	
216	71.40	[9.0*]	6.59	23.3	82 14	* z. schw. Bel.
R.18	69.43	9.2	31 26.59 (0.3)	15 7 30.7 (¼)	277 40	3 F.
107	70.35	9.3	26.40	31.1	82 22	
113	43	9.2	26.51	30.7	277 40	
212	71.39	9.3	31 28.46	17 44 38.5	280 18	$17^{\circ}2759$ $9^{m}.5$
215	40	9.1	28.47	36.9	79 46	» 9.5
216	40	9.3	28.41	37.8	79 46	» 9.3
13	69.27	8-9	31 41.63 (½)	18 41 45.6 (½)	281 10	
207	71.36	8.5	41.70	45.2	78 48	
208	38	8.6	41.78	44.8	281 14	
207	71.36	8.8	31 46.86	19 56 42.8 (½)	77 34	
208	38	8.5	46.87	41.2	282 30	
212	71.39	9.2	31 51.13 (½)	17 17 33.4	279 50	
215	40	9.3	51.05	33.0	80 14	
218	71.41	10.2	31 52.56::	19 52 22.0::	77 38	
114	70.43	8.7	31 53.52	15 26 47.3 (⅓)	277 59	
213	71.39	8.5:	53.52	47.0	82 4	C. $9^{m}.5$ $15^{\circ}130^{\circ}$
209	71.38	9.2	31 58.00	17 47 45.1	280 20	$17^{\circ}2760$ $9^{m}.2$
210	38	9.1	58.03	44.9	280 20	
213	39	9.2	58.07	44.4	79 42	
207	71.36	9.3 W.?	32 2.77	18 33 0.7	78 58	
208	38	9.3	2.79	1.5	281 6	
211	39	9.0	2.75	0.5	281 6	
R.13	69.37	—	32 3.09 (0.4)	16 13 53.9 (¼)	278 42	
209	71.38	9.1	3.02	54.7	278 46	
210	38	9.1	3.13	55.1	278 46	s. schwkd.
214	39	8.5	3.18	54.8:(⅓)	81 16	
215	40	8.8	3.08	55.6	81 16	
217	71.41	9.2	32 13.06 (½)	15 14 39.2 (½)	82 16	
115	70.45	6.2	32 25.29 (2)	18 50 33.6 (2)	281 22	
207	71.36	6.5	25.21	35.1	78 40	
216	71.40	9.5	32 27.85	15 20 24.4	82 10	
215	71.40	9.5	32 38.24	19 33 29.2	77 56	$19^{\circ}2831$ $9^{m}.5$

Zone	Ep	Grösse	RA 1875	Decl. 1875	Theilstr	Bemerkungen
			14h			
114	70.43	8.3	32m 40.23	14° 50' 44.8	277 [illegible]	
211	71.39	8.0	40.28	44.8	82 40	
R.15	69.37		32 40.00	16 33 [illegible]	279 2	
114	70.43	9.3	40.81	8.2	279 1	[illegible]
214	71.39	9.1	40.81	4.2	80 20	
R.18	69.43		32 56.07	15 1 2.3	277 32	[illegible]
107	70.35	9.2	56.09	2.8	82 30	
113	35	9.2	56.12	3.5	277 32	
R.14	69.37	—	33 10.51	17 55 43.5	280 [illegible]	
210	71.38	8.9	10.59	41.7	280 [illegible]	
213	39	9.0	10.62	41.3	79 50	
15	69.27	8.9	33 31.14	18 1 34.0	280 30	
209	71.38	9.3	31.04	33.7	280 34	
213	39	9.3	31.[illegible]	33.5	79 28	
217	71.41	9.3	33 44.00	16 58 [illegible]	77 32	[illegible]
R.13	69.37		34 1.01	16 8 [illegible]	281 30	
209	71.38	9.1 W	1.04	10.2	281 40	
214	39	9.0	1.00	10.1	78 [illegible]	
R.15	69.37		34 22.11	18 53 14.8	281 22	[illegible]
208	71.38	9.0	22.20	16.3	281 20	
215	40	8.6	22.10	15.5	78 30	
210	71.38	8.8	34 50.08	15 10 49.7	277 44	
217	41	9.0	50.21	47.9	81 [illegible]	[illegible]
218	41	9.0	50.00	47.0	82 20	
R.14	69.37		35 4.00	16 11 [illegible]	81 44	
116	70.46	8.4	4.50	38.4	281 50	
215	71.40	7.9	4.00	40.3	78 14	
210	71.38	9.1	35 14.77	16 28 37.8	282 2	
214	39	9.1	14.70	38.8	78 [illegible]	
210	71.38	8.8	35 24.7[illegible]	16 28 11.4	282 2	
214	39	8.5	24.72	20.2	78 [illegible]	
211	71.39	9.1	35 30.30	15 58 45.0	280 [illegible]	
213	39	9.1	30.32	47.1	79 32	
R.13	69.37		35 47.58	16 1 6.7	281 30	[illegible]
207	71.36	8.1	47.01	11.1	78 40	
209	38	8.4	47.68	16.8	281 31	
207	71.36	8.8	35 49.50	18 50 35.6	78 32	Z.115 8.5
210	38	9.0	49.43	32.0	281 32	280 8.9
R.15	69.37	—	35 54.47	18 8 59.0	280 38	
114	70.43	8.1	54.40	58.6	280 42	
215	71.40	8.8	54.44	57.4	79 22	
210	71.38	9.3	36 1.80	14 50 18.5	[illegible] 32	
216	40	9.4	1.73	17.9	82 30	
217	41	9.4 W.	1.62	16.8	81 32	
218	41	9.5	1.70	18.5	82 32	
115	70.45	8.0	36 3.[illegible]	11 1 58.7	281 34	
207	71.36	7.9	3.76	58.2	78 28	
209	38	8.0	3.74	57.9	281 33	
114	70.43	8.0 W	36 8.51	18 15 30.3	280 [illegible]	
214	71.39	8.0	8.51	30.4	79 [illegible]	
211	71.39	8.9	36 25.37	17 1 20.1	279 40	
213	39	9.0	25.40	20.1	80 22	
208	71.38	9.3	36 31.27	17 57 7.9	280 50	
211	39	9.1	31.26	9.5	280 [illegible]	
215	40	9.2	31.33	8.2	79 34	
107	70.35	7.2	36 47.08	15 13 33.1	82 16	
113	35	7.3	47.08	34.5	277 40	
235	72.35	7.3 W	47.00	31.0	82 16	

Nr. 5292: = r Bootis mag. [illegible] Fund.-St.
Nr. 5293: [illegible] Bo... — mag. +0'426 [illegible] Best.

Zone	Ep	Grösse	RA 1875	Decl. 1875	Theilstr	Bemerkungen
			14h			
R.13	69.37		36m 48.18	15° 54' 0.9	278° 22'	
209	71.38	8.9	48.11	2.5	278 26	
210	38	8.5	48.17	4.1	278 26	
216	40	8.9	48.15	2.2	81 30	
R.12	69.37		36 49.00	17 47 8.3	280 16	
208	71.38	9.2	49.01	11.8	280 20	
211	71.39	[illegible]	49.08	8.4	79 44	
217	41	[illegible] W	49.12	6.5	79 44	
218	41	[illegible]	49.11	9.2	79 44	
107	70.35	8.9	36 52.21	15 13 44.3	82 16	
113	35	8.9	52.26	46.4	277 46	
235	72.35	8.8 W	52.15	47.6	82 18	
110	70.36	[illegible]	37 13.88	18 35 59.4	281 8	3 F
207	71.36	8.1	13.79	36 0.1	78 54	
[illegible]	71.36	[illegible]	37 41.07	18 46 21.8	281 18	3 F
R.13	69.37		37 45.24	18 4 59.4	280 34	3 F
208	71.38	[illegible]	45.45	59.3	280 38	
214	39	[illegible]	45.38	58.0	79 26	
114	70.43	[illegible]	37 49.00	16 20 45.9	279 3	
215	71.40	[illegible]	49.0[illegible]	45.2	81 0	
112	[illegible]	[illegible]	37 56.80	14 55 40.9	277 28	
210	71.38	[illegible]	56.91	46.3	82 34	
R.[illegible]	69.37		38 0.02	16 58 24.9	279 26	3 F
114	70.43	[illegible]	0.00	24.5	279 32	
213	71.39	[illegible]	0.01	24.7	80 32	17 [illegible]
R.[illegible]	69.37		38 24.73	18 50 53.6	281 28	
115	70.45	[illegible]	24.86	54.2	281 32	
207	71.36	[illegible]	24.80	54.9	78 30	
[illegible]	[illegible]	[illegible]	24.90	55.3	78 32	
207	71.36	[illegible]	38 34.17	16 42 40.6	77 48	
208	38	[illegible]	34.23	41.1	282 10	
R.14	69.37		38 36.08	17 17 53.1	279 46	
209	71.38	[illegible]	36.04	49.8	279 50	
213	39	[illegible]	37.04	51.1	80 12	
R.18	69.43		38 40.27	15 13 21.0	277 46	3 F
113	70.35	[illegible]	40.34	21.2	277 40	
210	71.38	[illegible]	40.20	21.1	82 10	
R.12	69.37		39 5.02	18 8 33.8	280 36	3 F
110	70.36	[illegible]	5.00	33.7	280 40	
214	71.39	[illegible]	5.01	31.8	79 22	
114	70.43	8.[illegible]	39 10.82	16 20 12.1	278 52	
217	71.41	[illegible] W	10.76	10.8	81 10	bei d. [illegible]
218	41	[illegible]	10.77	10.4	81 10	
217	71.41	[illegible]	39 20.10	19 0 41.8	78 20	
209	38	[illegible]	20.10	40.9	281 42	
210	71.38	[illegible]	39 24.56	17 29 40.2	280 2	
213	39	[illegible]	24.63	40.6	80 0	
235	72.35	[illegible]	24.55	42.1	80 2	[illegible]
214	71.39	[illegible]	39 26.52	16 52 16.4	279 24	
217	71.41	[illegible]	26.52	13.5	80 38	
218	41	[illegible]	26.42	16.4	80 38	
207	71.36	[illegible]	39 34.08	19 24 46.0	78 6	
209	38	[illegible]	34.00	46.4	281 58	
R.[illegible]	69.37		39 [illegible].33	18 24 —	280 —	
110	70.36	[illegible]	[illegible]	34.6	281 56	
214	71.39	[illegible]	[illegible]	35.3	79 6	
207	71.36	[illegible]	39 49.23	19 12 4.4	78 18	
208	38	[illegible]	49.21	5.8	281 44	
210	71.38	[illegible]	39 50.55	18 27 45.3	281 0	
214	39	[illegible]	50.40	43.8	79 4	
113	70.35	[illegible]	39 54.50	15 10 12.8	277 42	
210	71.38	[illegible]	54.41	10.5	82 20	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14h			
15	69.37	—	39m 56s.35 (0.3)	18° 1' 58".6 (½)	280° 30'	3 F.
5	70.45	8.4	56.36	58.0	280 34	
4	71.39	8.5	56.36	58.8	79 28	
19	71.38	7.5	40 3.30	17 19 31.5	279 52	
3	39	7.2	3.31	32.3	80 10	17° 2784 9m.0
0	71.38	6.0 orge	40 12.68	15 39 28.0	278 12	
17	41	(5)	12.65	26.9	81 52	st. schwkd.
18	41	6	12.55	29.8	81 52	
10	71.38	7.0	40 22.87	15 2 15.3	277 34	s. schwkd.
16	40	7.2	22.87	16.6	82 28	
19	42	—	23.02 (½)	16.7 (½)	82 28	
11	71.39	9.4	40 25.49	15 17 25.9	277 50	
18	69.43	—	40 33.20 (0.4)	17 3 22.9 (½)	279 36	
16	70.46	8.9	33.22	21.7	279 36	
13	71.39	9.0	33.20	22.6	80 26	
11	71.39	7.6	40 35.21	15 22 52.8	277 56	
17	41	7.5	35.20	53.5	82 8	
18	41	7.5	35.16	53.9	82 8	
14	70.43	8.4	40 37.03	16 2 44.5	278 34	
35	72.35	[= 9]	36.98	44.2	81 28	
09	71.38	9.2	40 59.13	15 54 24.1	278 28	
16	40	9.3	59.02 (½)	23.7	81 36	
35	72.35	= 9.5	59.09	22.4	81 36	
08	71.37	9.2	41 10.57	18 49 34.3	281 22	
14	39	9.2	10.57	32.4	78 40	
14	69.37	—	41 19.99 (0.4)	18 51 56.9 (½)	281 20	
15	70.45	8.4	19.83 (½)	56.6 (½)	281 24	
08	71.38	8.5	19.84	56.7	281 24	
14	39	8.0	19.78	57.2	78 38	
13	69.37	—	41 30.37 (0.3)	15 6 52.1 (½)	277 36	3 F.
10	71.38	9.2	—	53.7	277 40	
11	39	8.7	30.21	52.3	277 40	
16	40	9.0	30.13	53.1	82 24	
35	72.35	= 9	30.20	55.1	82 24	
15	70.45	8.3	41 36.81	18 16 50.4	280 50	
214	71.39	8.0	36.76	49.6	79 14	
209	71.38	8.9	41 42.08	14 57 9.0	277 30	
210	38	9.1	41.88	9.3	277 30	schwkd.
211	39	8.9	41.95	9.5	277 30	
218	41	9.1	41.95	9.6	82 34	
115	70.45	7.1	41 46.21	19 34 26.5	282 8	
207	71.36	7.8	46.18 (½)	26.6 (½)	77 56	
116	70.45	8.1	41 49.18	17 38 24.7	280 10	
213	71.39	8.5	49.21	25.3	79 52	
R.15	69.37	s. schw.	41 [53.56]	15 26 [35.3]	277 56	3 F.
209	71.38	9.5	53.20	32.5	277 58	
210	38	9.3 zfl.	—	32.1	278 0	
211	39	9.2	53.28	32.8	277 58	
216	40	9.5	53.29 (½)	28.8	82 4	
217	41	9.5	53.36 (½)	[34 ±]	82 4	
114	70.43	9.0	41 58.50	16 43 58.3	279 16	
217	71.41	h. 9	—	44 0.5	80 46	
218	41	8.9 *	58.43	43 57.6	80 46	* 12" gross
R.18	69.43	—	42 26.76 (0.4)	19 12 5.5 (½)	281 44	
207	71.36	9.0	26.78	6.3	78 18	
208	38	9.1	26.74	5.7	281 44	
114	70.43	8.6	42 32.57	16 39 59.4	279 12	
213	71.39	8.3	32.55	59.7	80 50	
208	71.38	9.2	42 34.70	14 58 56.8 (½)	277 32	
216	40	8.7	34.74	55.3 (½)	82 32	
235	72.35	= h. 9	34.79	56.1	82 32	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14h			
R.13	69.37	—	43m 4s.00 (0.4)	18° 43' 16".8 (½)	281° 12'	
R.14	37	—	4.19 (0.4)	16.3 (½)	281 12	
116	70.46	7.3	4.11	16.3	281 16	
214	71.39	7.4	4.19	17.1	78 48	
R.16	69.38	—	43 17.95 (0.4)	19 52 1.8 (½)	282 20	
115	70.45	8.4	17.97 (½)	1.3 (½)	282 24	
207	71.36	8.1	17.95	2.8	77 38	
R.15	69.37	—	43 30.69 (½)	17 20 14.9 (½)	279 48	
114	70.43	8.0	30.79	14.6	279 52	
213	71.39	9.0	30.82	15.4 (½)	80 10	
235	72.35	[= 9]	30.71	15.6	80 10	
116	70.46	6.5	43 44.88 (½)	20 1 49.9 (½)	282 35	
207	71.36	7.5	44.88	50.0 (½)	77 28	
208	71.38	10.0	44 10.63	19 8 40.6	281 42	
R.18	69.43	—	44 26.45 (½)	17 19 27.7 (½)	279 52	
114	70.43	9.0	26.53	28.1	279 52	
213	71.39	8.8	26.57	29.0	80 12	
235	72.35	s. 8-9	26.51	28.7	80 12	
114	70.43	9.2	44 35.80	16 25 54.3	278 58	
213	71.39	9.2	35.88	54.3	81 4	
R.13	69.37	—	44 39.77 (0.2)	15 31 37.2 (½)	278 0	2 F.
114	70.43	8.5	40.04	34.6	278 4	
215	71.40	8.0:	40.12	35.4	81 58	
R.14	69.37	—	45 12.95 (0.4)	18 47 22.9 (½)	281 16	
116	70.46	9.1	13.00	21.1	281 21	k. sichtb.
216	71.40	9.0	13.01	22.1	78 44	
218	41	8.8	12.96	22.3	78 44	
R.16	69.38	—	45 30.30 (0.4)	19 10 11.5 (½)	281 38	
115	70.45	7.5	30.37	11.9	281 42	
217	71.41	7.6	30.34	12.6	78 20	
218	41	7.5	30.36	13.0	78 20	
208	71.38	9.3	45 35.46	18 12 39.3 (½)	280 46	
116	70.46	{ 7.8	45 37.08	19 37 15.6	282 10	} Dpl. 6" 305°
		{ 5.2	37.39	13.4	282 10	
207	71.36	{ 8.0:	37.03	15.3	77 54	} »
		{ 6.0:	37.44	13.5	77 54	
235	72.35	{ 8.0	37.09	15.7	77 54	} » 5 300
		{ 6.0	37.48	14.6	77 54	
115	70.45	8.0	45 39.16	15 17 2.2	277 50	
216	71.40	7.5	39.20	3.4	82 14	
R.15	69.37	—	45 46.61 (0.4)	15 49 44.4 (½)	278 18	
114	70.43	8.2	46.60	46.8	278 22	
215	71.40	8.0	46.68	45.9	81 40	
207	71.36	9.1	45 53.69	19 41 21.9 (½)	77 50	
208	38	8.9	53.74	21.6	282 14	
115	70.45	8.5	45 57.52	19 36 18.1	282 8	
207	71.36	8.4	57.48	17.7	77 54	
R.18	69.43	—	46 12.42 (0.4)	15 30 10.0 (½)	278 2	
117	70.46	9	12.47	10.2	278 2	
215	71.40	8.5	12.44	10.4	82 0	
R.15	69.37	—	46 13.95 (0.4)	15 49 52.4 (½)	278 18	
114	70.43	8.9	14.04	52.8	278 22	
215	71.40	8.8	14.05	51.0	81 40	
R.13	69.37	—	46 21.44 (0.4)	15 54 46.9 (½)	278 22	
114	70.43	8.5	21.46	47.3	278 26	
215	71.40	8.6	21.38	46.8	81 36	
209	71.38	8.0	46 22.70	15 0 21.4	277 32	
210	38	8.0	22.74	21.1	277 32	
216	40	8.1	22.73	21.6	82 30	
209	71.38	9.2	46 25.71	15 10 47.0[1]	277 44	Z.116: 9m.0
216	40	9.1	25.79	51.8	82 20	

[1] Der starke Unterschied der beiden δ scheint hauptsächlich dieser Beob. zur Last zu fallen; Abl. 44' −7".0 falsch?

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14^{h}			
210	71.38	7.9	46^{m} —	18° 17′ 42″8	280° 50′	
213	39	7.6*	33″62	42.7	79 12	* schw. orange
235	72.35	h.8	33.61	43.0	79 14	
236*	44	8	33.56 (½)	41.1	280 50	Romb.
R.14	69.37	—	46 38.99 (0.3)	18 28 15.1 (½)	280 56	3 F.
209	71.38	8.4	39.03	16.2	281 0	
213	39	8.2	39.02	15.9	79 2	
R.16	69.38	—	46 44.91 (0.4)	19 14 44.4 (½)	281 42	
208	71.38	8.2	44.92	44.5	281 48	
217	41	8.1	44.85	45.8 (½)	78 16	
218	41	8.2	44.95	45.8 (½)	78 16	
115	70.45	8.3	46 54.02	19 34 52.3	282 8	
207	71.36	8.3	54.02	52.6	77 56	Z. 208: s.8ᵐ
235	72.35	7.5	54.02	52.5	77 56	
207	71.36	9.3	46 59.90	19 33 20.1	77 58	
208	38	9.3	47 0.01	18.8	282 6	
210	71.38	9.2	47 0.28 (½)	15 41 46.2	278 14	2 F.
211	39	9.1	0.39	45.8	278 14	
215	40	9.3	0.29	44.9	81 48	Z. 217: 9ᵐ1
117	70.46	7.3	47 3.74 (½)	15 38 45.1 (½)	278 11	
216	71.40	7.0*	3.82	46.5	81 52	* 10″ gross
217	41	s.6	3.75	44.8	81 52	
218	41	7	3.61	46.5	81 52	
114	70.43	7.0*	47 31.80	16 12 59.6	278 44	* Dpl. med.[1]
217	71.41	6 zfl.	31.76	59.0	81 18	
218	41	6.5	31.81	59.6	81 18	
208	71.38	9.3	47 35.27	17 19 19.7 (½)	279 52	
116	70.45	7.3	47 36.34	18 44 56.4	281 18	
213	71.39	7.5	36.31 (½)	55.9 (½)	78 46	s. unr.
R.18	69.43	—	47 43.62 (0.3)	19 39 24.0 (½)	282 12	
115	70.45	6.0	43.50	24.5	282 12	
207	71.36	6.9	43.46	25.5	77 52	
235	72.35	6.0	43.44	26.0	77 52	
116	70.46	8.2	48 13.69	19 0 38.2	281 34	
207	71.36	8.5	13.62	39.2	78 30	
R.13	69.37	—	48 26.25 (0.3)	16 2 27.3 (½)	278 30	3 F.
R.14	37	—	26.24 (½)	26.7 (½)	278 30	
114	70.43	8.4	26.38	27.8	278 34	
216	71.40	8.3	26.45	27.3 (½)	81 28	
217	41	8.4	26.46	25.1 (½)	81 28	
218	41	8.5	26.43	28.2	81 28	st. schwkd.
R.15	69.37	—	48 57.65 (½)	15 50 2.2 (½)	278 18	
117	70.46	7.7	57.73 (½)	2.1 (½)	278 23	
209	71.38	7.0	57.69	3.2	278 22	
215	40	6.5	57.69	2.2	81 40	
R.16	69.38	schw.	49 7.03 (0.4)	17 18 4.5 (½)	279 46	F. st. s. schl.
208	71.38	9.5	7.03	6.7	279 50	
211	39	9.4	7.04	6.0	279 50	
213	39	9.5	7.05	7.1 (½)	80 12	
115	70.45	7.0	49 7.85	15 29 14.8	278 2	
216	71.40	7.0	7.84	14.5	82 2	
235	72.35	7	7.80	14.5	82 2	
209	71.38	9.3	49 17.76	15 49 31.4	278 22	Z. R.15: 9ᵐ0
215	40	9.2	17.77	30.8	81 42	
209	71.38	8.0	49 19.83	18 12 41.9	280 46	
210	38	7.8	19.92	43.8	280 46	
217	41	8.0	19.86	41.4	79 18	
218	41	h.8	19.92	43.0	79 18	
R.14	69.37	—	50 14.89 (0.3)	15 1 —	277 —	3 F.
210	71.38	9.2	14.75	25.3	277 34	
214	39	9.2	14.93	24.5	82 30	
			14^{h}			
211	71.39	9.3	50^{m}36″81	17° 35′ 42″9	280° 8′	
213	39	9.3	36.81	41.2	79 56	
117	70.46	8	50 42.02	17 36 36.9	280 10	
211	71.39	7.6	41.99	37.0	280 10	
213	39	7.7	41.95	37.4	79 54	
R.16	69.38	—	50 58.55 (0.3)	16 50 0.6 (½)	279 18	3 F.
209	71.38	9.3	58.44	2.7	279 22	
215	40	9.3	58.56	49 59.9	80 40	
R.18	69.43	—	51 11.46 (0.4)	19 38 5.3 (½)	282 10	
208	71.38	9.2	11.38	6.7	282 10	
217	41	9.2	11.41	6.7	77 52	
209	71.38	6.5	51 21.95	16 53 34.6	279 26	
215	40	5:	21.96 (½)	32.4	80 36	2 F.
235	72.35	6 orge	21.97	34.3	80 38	
R.13	69.37	—	51 28.87 (0.3)	17 23 9.4 (½)	279 52	3 F.
116	70.45	8.6	28.82	9.3	279 56	
213	71.39	8.7	28.84	9.5	80 8	
115	70.45	7.1	51 54.69	15 33 46.3	278 6	
216	71.40	7.1	54.74	45.3	81 56	
119	70.48	6.3	52 2.34	19 29 22.8	282 2	
207	71.36	7.1	2.27	22.2 (½)	78 2	
235	72.35	W.	2.34 (½)	20.7 (½)	78 2	3 F., beide schw.
207	71.36	9.3	52 14.24	19 10 3.7	78 20	Bel. zu hell
208	38	9.3	14.29	2.2	281 42	
211	39	9.2	14.31	2.9	281 42	
116	70.45	9.3	52 17.92	18 13 4.9	280 46	
214	71.39	9.2	18.03	4.6	79 18	
209	71.38	9.2	52 22.51	14 58 57.8	277 32	Bel. e. z. hell
216	40	9.1	22.55	59.2	82 32	
R.16	69.38	—	52 46.74 (½)	18 8 26.4 (½)	280 36	
115	70.45	9.0	46.91	28.0	280 40	
214	71.39	9.0	46.99	26.1	79 22	
R.18	69.43	—	53 4.69 (½)	19 47 49.2 (½)	282 20	
207	71.36	9.2	4.58	48.9	77 42	
208	38	9.3	4.60	49.8	282 20	Bel. e. z. hell
R.13	69.37	—	53 10.36 (0.4)	15 34 46.4 (½)	278 4	
119	70.48	s.8	10.34	47.0	278 8	
216	71.40	7.8	10.49	47.5	81 56	
116	70.45	7.3	53 11.13	17 49 47.8	280 22	
213	71.39	7.5	11.15	47.6	79 40	
116	70.45	9.4	53 12.30: (½)	18 1 43.6: (½)	280 34	
208	71.38	9.2	12.29	45.6 (½)	280 34	
217	71.41	9.0	12.38	44.9	79 28	
218	41	9.2	12.20	45.1	79 28	18°2962 9ᵐ5
209	71.38	9.3	53 17.69	17 44 28.7	280 16	
213	39	9.3	17.87	26.4	79 46	
211	71.39	9.5	53 22.54	18 59 50.5	281 32	Bem.†
R.14	69.37	—	53 45.95 (½)	18 23 24.7 (½)	280 52	
115	70.45	9.3	45.99	24.0	280 56	
207	71.36	9.2	46.03	24.2	79 6	
R.15	69.37	—	54 4.91 (0.4)	15 19 55.1 (½)	277 48	
117	70.46	7.0	4.87	56.5	277 52	
216	71.40	7.2	5.00	56.1	82 10	
R.16	69.38	—	54 17.52 (0.3)	18 29 31.3 (½)	280 58	3 F.
115	70.45	8.5	17.43	31.9	281 2	
207	71.36	8.0	17.40	31.0	79 0	
209	71.38	9.3	54 21.50	14 55 18.3	277 28	
217	41	9.2	21.60	19.2	82 34	
218	41	9.3	21.55	20.2	82 34	

[1] etwa 7ᵐ5 u. 8ᵐ0 1″ 190°

* Nr. 5392: Pi. XIV^{h}221, Fund.-St.

† 9ᵐ5 f. 15..20″ 3..4′S.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			14h			
11	71.39	9.3	54m 37s.58	17° 4′ 5″.5	279° 30′	
07	71.36	9.1	54 38.36	19 12 36.5	78 18	
08	38	9.2	38.35	36.6	281 44	
.18	69.43	—	54 46.43 (½)	16 30 13.7 (½)	279 8	
16	70.45	9.3	46.59	14.4	279 8	
17	71.41	9.1	46.70	13.6	80 54	
18	41	9.0	46.74	14.6	80 54	
17	71.41	9.4	54 47.42 (½)	16 37 8.1:(½)	80 54	3 F.
18	41	9.5	47.15 (½)	8.0	80 54	Z. R.18: 9m.5
.13	69.37	—	55 12.80(0.4	16 39 17.4 (½)	279 8	
16	70.45	8.0	12.70	17.8	279 12	
13	71.39	8.0	12.79	17.6	80 52	s. unr.
16	70.45	8.0	55 12.86	16 44 41.5	279 16	
13	71.39	8.2	12.90	42.2	80 46	
.14	69.37	—	55 38.90(0.4	16 22 21.0 (½)	278 50	
17	70.46	8.7	38.98	21.9	278 54	9m.0 n. mer.
17	71.41	8.8 dst.	39.00	22.7	81 8	
21	47	—	38.95	21.7	81 8	
.15	69.37	—	55 59.56(0.3)	15 36 1.3 (½)	278 4	3 F.
17	70.46	9.1	59.60:(½)	0.3:(½)	278 8	
08	71.38	9.4	59.49 (½)	0.8 (½)	278 8	
16	40	8.5	59.54	1.1	81 54	Z. 218: 9m.0
36*	72.43	9.3	[59.79]	[35 56.2]	278 8	* Romb. [1]
15	70.45	9.1	56 1.66	16 16 38.3	278 48	
17	71.41	9.3	1.75 (½)	37.4	81 14	3 F.
18	41	9.1	1.72	36.4	81 14	
35	72.35	s. schw.	1.61:(½)	36.9:(½)	81 14	Hgl.–0.089 ang
15	70.45	8.9	56 1.90	16 17 3.5	278 50	Bem. [2]
17	71.41	9.1	1.98	2.3	81 14	
18	41	8.8	1.95	3.2	81 14	
35	72.35	—	[2±]	—	81 —	
R.16	69.38	—	56 11.55 (½)	17 54 9.1 (½)	280 22	
16	70.45	8.7	11.58	9.3	280 26	
13	71.39	9.0 ä. zfl.	11.63	9.6	79 36	
R.18	69.43	—	56 18.37(0.3)	15 46 56.3 (½)	278 20	3 F.
17	70.46	9.0	18.39	56.7	278 20	
16	71.40	8.8	18.52	56.5	81 44	
17	70.46	8.3	56 23.40	15 34 43.5	278 8	
16	71.40	8.2	23.44	43.8	81 56	
18	41	7.8	23.45	44.9	81 56	
15	70.45	9.4	56 30.28	17 43 32.2	280 16	
13	71.39	9.2	30.26	33.7	79 48	
19	70.48	s. 8-9	56 37.08	19 53 3.8	282 26	
07	71.36	8.6	37.69	4.5	77 38	Bel. e. z. hell
R.13	69.37	—	56 45.32(0.4	16 32 39.9 (½)	279 0	
19	70.48	7.0	45.31	40.0 (½)	279 5	
17	71.41	[= 8*]	45.39	38.8	80 58	* 15″ gross
19	42	[= 8.5]	45.54 (½)	40.7 (½)	80 58	
20	47	7.5	45.23	40.2 (½)	80 58	
208	71.38	9.3	56 48.06	17 27 18.5	280 0	
211	39	9.0	48.11	19.1	280 0	
213	39	9.2	48.07	18.8	80 4	
209	71.38	9.1	56 57.54	14 45 39.4 (½)	277 18	
216	40	8.9	57.62	41.7	82 46	
R.15	69.37	—	56 57.66(0.2)	15 31 59.3 (½)	278 0	2 F.
209	71.38	9.2	57.83 (½)	57.5 (½)	278 4	
218	41	9.0	57.92	58.2	81 58	
116	70.45	9.4	57 4.78 (½)	17 24 34.3 (½)	279 56	Z. 211: 9m.2
213	71.39	9.2	4.67	35.5	80 6	s. unr.
			14h			
207	71.36	9.6	57m 5s.25	19° 14′ 43″.6	78° 16′	
208	38	9.5	5.21	42.3	281 48	9m.6 12s v. 0′.5 N.
R.14	69.37	—	57 22.43(0.3)	19 34 55.5 (½)	282 2	3 F.
207	71.36	8.5	22.32	54.5	77 56	
208	38	8.4	22.30	55.2	282 8	
R.18	69.43	—	57 27.78(0.3)	18 28 2.2 (½)	*281 0	3 F.
115	70.45	7.1	27.81	1.9	281 0	
216	71.40	7.1	27.76	1.4	79 2	
218	41	7	27.66	1.8	79 2	
R.16	69.38	—	57 44.51(0.3)	15 54 41.5 (½)	*278 22	3 F.
117	70.46	8.0	44.42	42.3	278 28	
215	71.40	8.0	44.45	42.1	81 36	
R.15	69.37	—	58 18.58(0.3)	15 14 55.3 (½)	277 44	3 F.
115	70.45	8.9	18.46	55.7	277 48	
215	71.40	8.7	18.59	54.8 (½)	82 16	
R.14	69.37	—	59 45.05(0.4	18 43 20.4 (½)	281 12	
116	70.45	9.3	45.01	22.3	281 16	
207	71.36	9.2	44.88 (½)	22.6 (½)	78 48	
			15h			
R.15	69.37	—	0 23.26(0.3)	17 27 51.2 (½)	279 56	3 F.
107	70.35	8.7	23.30	49.7	80 2	
113	43	8.9	23.19	50.3	280 0	
210	71.38	9.8	0 29.45 ::	16 42 18.5 ::	279 14	3 F.
210	71.38	9.4	0 33.05	16 18 6.5	278 50	
R.18	69.43	—	1 36.54(0.4)	18 55 33.5 (½)	281 28	
115	70.45	6.7	36.56	32.9	281 28	
216	71.40	5.4	36.60	33.5	78 30	
R.16	69.38	—	1 37.61 (½)	16 8 2.6 (½)	278 30	
117	70.46	9.3	—	3.5:(½)	278 40	
208	71.38	9.2	37.70 (½)	2.6	278 40	
215	40	9.1	37.70	2.3	81 22	
R.14	69.37	—	1 38.90(0.4)	17 56 0.0 (½)	280 24	
116	70.45	9.2	38.87	0.1	280 28	
214	71.39	9.2	38.94	55 58.1	79 34	17°2822 9m.4
117	70.46	9.0	1 —	16 9 52.1	278 42	
119	47	8.8	42.16	52.5	278 42	
208	71.38	9.0	42.12 (½)	51.5	278 42	
215	40	8.8	42.23	52.6	81 20	
210	71.38	9.4	1 54.23	16 43 12.4	279 16	
116	70.45	8.2	1 55.73	17 42 36.4	280 14	
214	71.39	8.5	55.68	35.5	79 48	
117	70.46	9.3	2 —	14 51 26.0	277 24	wenig sicher
209	71.38	9.2	3.38	25.3	277 24	
215	40	9.3	3.44	24.2	82 40	
107	70.35	8.8	2 4.09	15 26 22.7	82 4	
113	43	8.7	4.06	23.9	277 58	
R.15	69.37	—	2 4.24(0.4)	15 58 50.4 (½)	278 30	
117	70.46	9.2	—	51.6	278 34	
208	71.38	9.3	4.00 (½)	51.0	278 32	2 F.
209	38	9.2	4.19	51.6 (½)	278 32	
215	40	9.2	4.24	52.3	81 32	zu helle Bel.
R.18	69.43	—	2 26.01(0.3)	18 21 5.9 (½)	280 54	3 F.
115	70.45	8.7	25.93	6.5	280 54	
214	71.39	8.5	25.93	7.2	79 10	
115	70.45	8.2	2 31.52	19 22 23.4 (½)	281 54	
216	71.40	8.3	31.58	22.1	78 8	
116	70.45	8.3	2 37.09	19 59 38.7	282 32	
217	71.41	h.9	37.07	37.1	77 30	
218	41	8.5	37.12 (½)	37.3	77 30	
220	47	9	37.07	38.1	77 32	

[1] Ohne Hgl. reducirt. Stern »an der Grenze der Sichtbarkeit für Beobachtung«. [2] Dpl. mit vor., fast 30″ 190°

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
116	70.45	9.2	2m46s.50	20° 2′ 55″.9	282° 34′	Bel. zu hell
218	71.41	9.3	46.33	58.1	77 28	
221	47	s.9 k.s.	46.35	56.6	77 28	Hgl.—s.073 ang.
107	70.35	(9.3) W.	2 51.51	15 22 40.3	82 8	
113	43	9.1	51.52	41.8	277 54	
215	71.40	9.2	51.51	40.8	82 8	
117	70.46	8.8	2 —	16 27 25.8	279 0	
119	48	8.9	53.29	26.5	279 0	
216	71.40	9.1	53.36	25.0	81 4	
218	41	8.9	53.32	25.8	81 4	
R.14	69.37	—	3 11.66(0.3)	19 31 7.3 (½)	282 0	3 F.
115	70.45	7.9	11.64	7.1	282 4	
216	71.40	8.0	11.61	8.5	78 0	
217	41	s. 8	11.61	9.1 (½)	78 0	
R.16	69.38	—	3 25.18(0.4)	15 17 8.4 (½)	277 46	
107	70.35	8.9	25.17	8.6	82 14	
113	43	9.1	25.10	8.4	277 50	
R.15	69.37	—	3 39.63(0.4)	17 51 19.2 (½)	280 20	
116	70.45	9.0	39.82	19.0	280 24	
214	71.39	9.1	39.76	17.8	79 40	st. schwkd.
115	70.45	9.1	4 11.09	18 11 44.1	280 44	
214	71.39	9.0	11.11	44.4	79 20	
R.18	69.43	—	4 18.23(0.3)	16 4 52.5 (½)	278 38	3 F.
107	70.35	8.4	18.30	53.0	81 26	
113	43	8.4	18.31	51.0	278 38	
R.14	69.37	—	4 44.55(0.3)	19 27 48.5 (½)	281 56	3 F.
117	70.46	8.5	—	48.5	282 0	
119	48	8.5	44.56	47.9	282 0	
215	71.40	8.1	44.53	49.0	78 2	
210	71.38	10	5 [0.31±]	16 54 [16±]	279 26	
211	39	9.6	0.38 (½)	13.6 (½)	279 26	
R.16	69.38	—	5 6.44(0.4)	19 50 22.4 (½)	282 18	
115	70.45	9.1	6.59	21.2	282 22	
216	71.40	9.1	6.56 (½)	21.6	77 40	
217	41	9.0	6.63 (½)	21.8 (½)	77 40	
R.15	69.37	—	5 27.35(0.4)	17 51 56.8 (½)	280 20	
116	70.45	8.9	27.39	55.8	280 24	
214	71.39	9.0	27.28	55.6	79 38	st. schwkd.
116	70.45	7.8	5 34.10	19 4 53.6	281 36	
214	71.39	8.1 zfl.	34.04	54.7	78 26	
115	70.45	8.5	5 49.26	19 55 10.5	282 28	
216	71.40	8.5	49.15	10.6	77 36	
218	41	8.2	49.12	10.0	77 36	
R.16	69.38	—	6 7.99(0.3)	19 52 42.7 (½)	282 20	3 F.
115	70.45	9.0	8.03	42.3	282 24	
216	71.40	9.0	7.98	42.3	77 38	
218	41	9.0	8.10	40.9 (½)	77 38	
R.18	69.43	—	6 9.48 (½)	15 57 44.4 (½)	278 30	
113	70.43	9.1	9.59	44.7	278 30	
215	71.40	9.1	9.58	42.5	81 32	
113	70.43	9.0	6 15.47	14 50 54.7	277 22	
215	71.40	9.3	15.48	55.0	82 40	
R.14	69.37	—	6 23.16 (½)	19 26 51.7 (½)	281 54	
117	70.46	6.0	—	52.1	281 58	
119	48	5.5	23.05	51.1	281 58	
217	71.41	6	23.00	52.2	78 4	
220	47	—	22.96	51.9	78 4	
116	70.45	9.0	6 30.33	18 34 17.0	281 6	
214	71.39	9.0	30.17	17.6	78 56	
113	70.43	8.6 u. 8.7	6 43.65	15 50 51.3	278 22	Dpl. 2″ 240° md.
215	71.40	8.9 u. 9.1	43.69 (½)	50.2	81 40	2 260 » ; [zfl.
116	70.45	9.2	6 46.36	17 24 17.9	279 56	
214	71.39	9.5	46.16	17.9	80 6	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
117	70.46	7.0	7m —	19° 33′ 57″.5	282° 6′	
119	48	6.7	4s.78	56.8	282 6	
217	71.41	7.2	4.76	56.6	77 56	
218	41	7.2	4.77	56.1	77 56	
210	71.38	h. 10	7 7.85:(½)	18 36 23.2	281 8	
211	39	9.4	8.04	24.1 (½)	281 8	18°2986 etwa [gleich
115	70.45	7.0	7 8.42	19 44 44.8	282 16	
217	71.41	7.0	8.43	44.6	77 46	
218	41	6.8	8.33	45.1	77 46	
115	70.45	8.0	7 8.75	19 45 9.3	282 18	
217	71.41	8.1	8.70	8.2	77 46	
218	41	8.4	8.73	9.1	77 46	
R.15	69.37	—	7 10.45 (½)	16 48 5.5 (½)	279 16	
117	70.46	9.1	—	6.4	279 20	
119	48	9.1	10.50	5.3	279 20	
216	71.40	9.3	10.48	3.6	80 42	
220	47	9.2	10.45	4.9	80 42	
113	70.43	9.0	7 20.04	15 53 25.3	278 26	Z. 117: 6m
215	71.40	9.2	20.11	24.4	81 38	» 208: 9.0
210	71.38	9.1	7 23.70:(½)	18 36 25.4:	281 8	3 F. — Bel. zu
211	39	9.1	23.88	27.5 (½)	281 8	[schw.
117	70.46	9.1	7 —	15 55 24.8	278 28	Z. 113: 9m.0
208	71.38	9.3	28.64	24.5	278 28	
215	40	9.4	28.56	23.9	81 36	Bem.[1]
117	70.46	8.5	7 —	16 23 28.3	278 56	
119	48	8.4	43.55	27.8	278 56	
218	71.41	8.5 zfl.	43.43	27.5 (½)	81 8	
220	47	8.5	43.57	27.3	81 6	
R.18	69.43	—	7 55.92(0.3)	14 55 2.0 (½)	*277 28	3 F.
115	70.45	8.6	56.02	1.3	277 28	9m.0 7″ 20°
220	71.47	—	55.89	0.9	82 34	Dpl. maj.
221	47	{ 8.5	55.93	1.9	82 36	} Dpl. 6″ 20°[2]
		{ 9.2	55.91	8.8	82 36	
R.14	69.37	—	8 23.61(0.3)	17 52 43.1 (½)	280 20	3 F.
116	70.45	8.9	23.54	42.9	280 24	
214	71.39	9.0	23.49	43.5	79 38	
R.16	69.38	—	9 7.75(0.4)	19 12 42.2 (½)	281 40	
114	70.43	9.0	7.74	41.7	281 44	
217	71.41	9.1	7.65	42.4	78 18	
R.15	69.37	—	9 13.25(0.4)	16 11 19.9 (½)	278 40	
117	70.46	9.0	—	19.7	278 44	
119	48	9.1	13.25	20.5 (½)	278 44	
214	71.39	9.1	13.23	19.5	81 20	
R.15	69.37	—	10 8.41(0.4)	16 11 18.2 (½)	*278 40	
117	70.46	8.9	—	16.9 (½)	278 44	
119	48	9.0	8.51 (½)	16.8 (½)	278 44	
214	71.39	9.1	8.52	15.1	81 20	
115	70.45	9.0	10 9.19 (½)	16 57 24.7	279 30	
214	71.39	9.0	9.23	24.2	80 34	
R.18	69.43	—	10 18.44(0.4)	14 56 16.2 (½)	277 28	
115	70.45	9.2	18.45	16.2	277 28	
216	71.40	9.2	18.42	17.2	82 34	
113	70.43	8.0	10 19.64	16 0 26.4	278 32	
215	71.40	8.3	19.60 (½)	26.7 (½)	81 30	
R.16	69.38	—	10 27.69(0.3)	19 37 20.8	282 6	3 F.
114	70.43	9.2	27.58	19.1	282 10	
216	71.40	9.5	27.81	19.2	77 54	
217	41	9.4	27.51	20.1	77 54	
114	70.43	9.1	10 31.88 (½)	19 38 5.1	282 10	3 F.
216	71.40	9.2	31.83 (½)	4.9	77 52	
217	41	9.2	31.83	5.7	77 52	

[1] Com. 10m (etwa 12″ 225°)? [2] Com. an 3 F. beob., erhält falsche Stellung gegen den Hauptstern durch die angebrachte Hgl. —s.044

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15^h			
07	70.35	8	10^m —	$17^{\circ}15'46''.2$	$80^{\circ}14'$	
13	43	7.9	$39^s.92$	45.8	279 48	
14	71.39	7.6	39.96	46.4	80 14	
.16	69.38	—	10 45.99(0.4)	19 37 20.2 (¼)	282 6	
14	70.43	8.5	46.09	17.8	282 10	
16	71.40	8.0	46.07	17.7	77 54	
17	41	8 äu. zfl.	46.11	17.2	77 54	
15	70.45	8.0	11 21.27	17 31 37.8	280 4	
14	71.39	8.0	21.23	39.1	80 0	
.18	69.43	—	12 18.00 (½)	17 41 6.2 (¼)	280 14	
114	70.43	8.7	18.03	7.2	280 14	
114	71.39	9.2	17.96	7.1	79 50	
114	70.43	8.6 W.	12 36.68	19 18 39.1	281 50	
117	71.41	8.4	36.64	40.3	78 12	
218	41	8.5	36.73 (½)	39.1 (½)	78 12	
113	70.43	9.2	12 57.30	15 22 2.6	277 54	Z.115: $9^m.2$
215	71.40	9.2	57.20	2.0	82 8	
.15	69.37	—	13 3.41(0.4)	16 8 39.1 (¼)	278 36	
113	70.43	9.0	3.45	39.2	278 40	
216	71.40	9.2	3.30	38.5	81 22	
.16	69.38	—	13 8.86(0.3)	15 22 57.9 (¼)	277 52	3 F.
113	70.43	9.0	9.04	58.6	277 56	
115	45	9.1	8.97	58.6	277 56	
215	71.40	9.1	8.99	57.5	82 8	
215	71.40	8.2	13 12.45	15 37 26.2	81 54	
115	70.45	9.3	13 45.53	16 47 59.4	279 20	
216	71.40	9.3	45.45	58.7	80 42	
.15	69.37	—	13 48.53(0.4)	16 6 32.9 (¼)	278 34	
116	70.45	8.5	48.60	33.1	278 38	
216	71.40	8.5	48.49	33.5	81 24	
114	70.43	8.1	13 49.21	16 24 38.0	278 56	
216	71.40	8.0	49.13 (½)	37.3	81 6	
217	41	8.1	49.21	38.0	81 6	
R.18	69.43	—	14 6.12 (½)	16 55 5.2 (¼)	279 28	
115	70.45	8.4	6.01	6.0	279 28	
214	71.39	8.5	5.97	4.9	80 36	
107	70.35	s. schw.	14 15.77	15 0 52.2	82 30	Hgl.—^{s}.058 ang.
113	43	7.2	15.69	53.1	277 34	
116	70.45	7.5	14 22.23 (½)	16 38 26.0 (½)	279 11	
216	71.40	7.7	22.04 (½)	24.7	80 52	3 F.
217	41	8	22.26	25.6 (½)	80 52	
114	70.43	8.0*	14 22.53	18 13 41.0	280 46	* wohl e. über-
217	71.41	8.8	22.50	41.5	79 18	[schätzt
218	41	8.8	22.46 (½)	40.8	79 16	
116	70.45	8.8	14 23.89	17 41 59.5	280 14	
214	71.39	9.0	23.93	59.2	79 48	
115	70.45	8.2	14 38.15	17 0 24.9	279 32	
214	71.39	8.0	38.16	26.5	80 30	
113	70.43	9.1	14 42.99	15 16 40.9	277 48	
215	71.40	9.1	42.95	38.8	82 14	
116	70.46	8.4	14 54.22	15 50 22.8	278 22	
215	71.40	8.5	54.26	22.4	81 40	
114	70.43	9.0	15 16.68	19 13 14.5	281 46	
216	71.40	9.2	16.55	14.6	78 18	
115	70.45	9.3	15 17.36	17 7 0.4	279 40	
214	71.39	9.2	17.31	3.2	80 24	
R.15	69.37	—	16 2.94(0.3)	18 53 18.9 (¼)	281 22	3 F.
116	70.45	7.3	2.92 (½)	19.4 (½)	281 26	
215	71.40	7.9	2.90	18.9 (½)	78 38	
R.18	69.43	—	16 9.03 (½)	16 57 4.5 (¼)	279 30	
113	70.43	7.8	8.94 (½)	6.3 (½)	279 28	
214	71.39	7.9	8.98	6.0	80 34	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15^h			
114	70.43	8.4	$16^m18^s.35$ (½)	$19^{\circ}37'45''.0$ (½)	$282^{\circ}11'$	
216	71.40	8.4	18.30	45.2	77 54	
R.16	69.38	—	16 33.48(0.4)	16 33 40.5 (¼)	279 2	
115	70.45	8.3	33.57	41.1	279 6	
214	71.39	8.5	33.61	40.5	80 58	
113	70.43	7.6	17 0.74	16 42 32.5	279 14	
215	71.40	8.0	0.64	31.1 (½)	80 48	
114	70.43	7.2	17 9.19	19 21 49.9	281 54	
216	71.40	7.0	9.12	51.1	78 10	
114	70.43	7.8	17 59.52	18 18 47.2	280 50	
215	71.40	7.5	59.43	47.7	79 12	
R.15	69.37	—	18 7.28(0.3)	16 35 17.6 (¼)	279 4	3 F.
113	70.43	9.0	7.31	16.4	279 8	
214	71.39	9.2	7.30	17.1	80 56	
R.16	69.38	—	18 8.05(0.3)	18 32 2.4 (¼)	281 0	3 F.
115	70.45	8.9	7.96	3.0	281 4	
217	71.41	9.2	7.91 (½)	2.2 (½)	78 58	
218	41	8.9	8.02 (½)	1.8 (½)	78 58	
115	70.45	8.1	18 44.66	17 7 32.7	279 40	
214	71.39	8.3	44.64	35.7	80 24	
114	70.43	9.0	19 22.85	19 41 10.5 (½)	282 12	
216	71.40	9.0	22.94	10.3 (½)	77 50	
R.15	69.37	—	19 27.64(0.3)	15 30 8.7 (¼)	277 58	3 F.
115	70.45	8.0	27.70	10.4	278 2	
215	71.40	8.2	27.57	9.0	82 0	
R.16	69.38	—	19 27.81(0.3)	15 1 45.9 (¼)	277 30	3 F.
113	70.43	8.2	27.79	45.8	277 34	
215	71.40	8.0	27.73	45.6	82 28	
R.18	69.43	—	19 43.23 (½)	15 16 18.3 (¼)	277 48	
116	70.45	9.1	43.20	18.2	277 48	
215	71.40	9.1	43.21	16.7	82 14	
116	70.45	8.3	19 44.71	14 54 19.0	277 26	
217	71.41	9.0	44.64	18.8	82 36	
220	47	8.9	44.61	20.6	82 36	
115	70.45	8.7	19 48.92	16 58 16.5	279 30	
214	71.39	8.8 zfl.	48.92	16.5	80 32	
*						
118	70.47	9.3	20 8.87	17 36 35.3	280 8	sicher
214	71.39	9.1	8.90	35.5	79 54	$17^{\circ}2861$ $9^m.5$
118	70.47	9.1	20 9.58 (½)	18 0 22.6 (½)	280 32	wenig sicher
119	48	8.6:	9.47 (½)	22.8 (½)	280 32	
217	71.41	9.0	9.46	24.1	79 30	
220	47	8.5	9.49	23.7	79 30	
118	70.47	9.1	20 14.16	17 33 3.1	280 6	
214	71.39	8.9	14.28	3.4	79 58	
208	71.37	6.5	20 15.91	19 55 16.1	282 28	
217	71.41	6: W.	15.97	17.2 (½)	77 36	
R.16	69.38	—	20 17.08(0.4)	15 1 46.4 (¼)	277 30	
116	70.45	9.1	17.16 (½)	45.1	277 34	
218	71.41	9.1	17.14	46.9	82 28	
220	47	9.2	17.13	46.6	82 28	
119	70.48	9.1	20 18.92	16 40 51.8	279 12	
216	71.40	9.3	18.82	52.1	80 50	
114	70.43	9.1	20 23.14	19 16 6.5	281 48	
218	71.41	8.6	23.26	8.2	78 14	
221	47	9.1	23.13	6.3	78 14	
118	70.47	7.8	20 27.80	18 36 40.6 (½)	281 8	Dpl. med.[1]
218	71.41	8.0	27.71	38.0	78 54	" "
220	47	7.5	27.75	39.7	78 54	" "

* Nr. 5535: τ^1 Serpentis, Fund.-St.

[1] etwa $8^m.0$ $8^m.3$ $1''.5$ 140°; Z. 218: $2''$ 135°, gleich; Z. 220: $1''.5$ 340°, gleich

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
116	70.46	7.3	20m31s.11	15° 7′59″.8	277°40′	
215	71.40	7.6	31.10	59.6	82 22	
R.15	69.37	—	20 53.01 (½)	15 16 12.7 (½)	277 44	
113	70.43	9.3	52.95	13.8	277 48	
215	71.40	9.3	52.87	12.8	82 14	
R.18	69.43	—	21 10.39 (0.3)	18 9 49.0 (½)	280 42	3 F.
116	70.45	8.8	10.41	48.2	280 42	
214	71.39	8.8	10.45	48.5	79 22	
R.16	69.38	—	21 18.79 (0.3)	14 59 21.7 (½)	277 28	3 F.
115	70.45	8.3	18.81	21.8 (½)	277 32	
216	71.40	8.6	18.85	21.6	82 32	
114	70.43	8.9	21 29.68	18 30 25.2	281 2	
217	71.41	—	29.55 (½)	25.3	79 0	2 F.
220	47	9.0	29.56	25.3	79 0	
116	70.45	7.5	21 39.12	18 4 13.2	280 36	
214	71.39	8.0	39.10	14.0	79 26	
113	70.43	9.2	21 39.33	15 37 57.4	278 10	
215	71.40	9.3	39.27	54.8	81 52	
114	70.43	9.0	21 56.84	18 27 44.9	281 0	
216	71.40	9.2	56.77 (½)	44.7	79 4	3 F.
220	47	9.1	56.76	45.3	79 4	
113	70.43	9.1	22 25.07	15 37 1.6	278 10	9m.1 s.v., 3′ entf.
215	71.40	9.2	25.11 (½)	36 59.1	81 54	3 F. — [1]
113	70.43	9.1	22 48.09	15 33 46.8	278 6	
220	71.47	9.1	48.17	46.7	81 56	
114	70.43	8.3	22 48.29	18 26 58.2	280 58	
217	71.41	—	48.35	57.5	79 4	
218	41	7.8	48.33	57.9	79 4	
R.18	69.43	—	23 0.37 (0.4)	16 19 22.3 (½)	278 52	
118	70.47	8.5	0.47	23.0	278 52	
220	71.47	8.5	0.27	22.5	81 12	
107	70.35	7.5:	23 16.85	15 43 2.1	81 48	
113	43	8.2	16.81	2.0	278 16	
R.20	69.50	—	23 27.20	16 49 35.5	*279 22	
118	70.47	5.5	27.23	33.6	279 22	
214	71.39	7.0	27.21	33.0	80 42	
R.15	69.37	—	23 52.30 (0.4)	15 28 24.9 (½)	277 56	
118	70.47	9.1	52.42	26.2	278 0	
119	48	9.1	52.42 (½)	25.3 (½)	278 0	
215	71.40	9.2	52.34	24.9	82 2	
R.16	69.32	—	23 59.28 (0.3)	16 37 22.7 (½)	279 6	3 F.
115	70.45	7.2	59.17	22.4	279 10	
216	71.40	7.8	59.16	23.2	80 54	
114	70.43	7.0	24 11.20	18 55 48.6	281 28	
217	71.41	7: äu. zfl.	11.20	48.6	78 34	
218	41	7.6 gz zfl.	11.17	50.3	78 36	
R.18	69.43	—	24 28.35 (0.2)	16 8 26.5 (½)	278 40	2 F.
115	70.45	9.4	28.45	26.6	278 40	
215	71.40	9.4	28.44	25.6	81 22	9m.8 1s v. 3′ N.
114	70.43	7.9	24 31.38	19 27 33.0	282 0	
216	71.40	8.4	31.36	33.6	78 4	
118	70.47	8.9	24 43.30	20 5 34.7	282 38	
217	71.41	(= 9.2)	43.17 (½)	34.9	77 24	
218	41	8.8 gz. zfl.	43.42	36.9	77 26	
116	70.45	8.5	25 6.46	17 52 5.4	280 24	
214	71.39	8.8	6.50	7.3	79 38	
116	70.45	8.2	25 8.50	18 2 30.4	280 34	
217	71.41	(= 9.4)	8.48	32.8	79 28	
218	41	8.2	8.60	31.2	79 28	

[1] 9m.2 4s v. 2′ S.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
107	70.35	9.1	25m11s.98	14°57′ 9″.2 (½)	82°34′	
113	43	9.1	11.94 (½)	9.7 (½)	277 30	
R.16	69.38	—	25 30.43 (0.3)	18 46 36.1 (½)	281 14	3 F.
216	71.40	9.3	30.42	37.3	78 44	
R.15	69.37	—	25 31.30 (0.3)	17 44 21.2 (½)	280 12	3 F.
116	70.45	9.0	31.38	22.3	280 16	
118	47	9.1	31.55 (½)	21.9 (½)	280 16	
214	71.39	9.1	31.42	22.5	79 46	
114	70.43	9.2	26 2.63 (½)	19 34 28.8	282 6	
218	71.41	9.2	2.51	29.2	77 56	
220	47	9.3	2.55 (½)	29.3 (½)	77 56	
R.18	69.43	—	26 3.42 (0.3)	16 39 40.6 (½)	279 12	3 F.
116	70.45	7.6	3.37	39.2	279 12	
215	71.40	7.6	3.41	39.4	80 52	
115	70.45	9.1	26 7.42	16 48 40.5	279 20	
214	71.39	8.9	7.30	39.7	80 42	
107	70.35	9.2	26 17.18	15 29 59.6	82 0	Bel. zu hel
113	43	8.8	17.02	30 0.6	278 2	
R.20	69.50	—	26 24.09	16 28 54.2	279 2	
116	70.46	6.6	24.09	53.3	279 2	
215	71.40	6.0	24.09	53.4	81 2	
107	70.35	8	26 32.16	15 36 45.8	81 54	
113	43	8.2	32.03	46.5	278 8	
115	70.45	8.0:	26 36.88	16 2 58.9	278 34	
215	71.40	8.2	36.89	58.0	81 28	
R.15	69.37	—	27 15.96 (0.4)	15 34 47.6 (½)	278 2	
107	70.35	9.3	[16.58]	47.3	81 56	3 F.
113	43	8.8	16.07	46.2	278 6	
214	71.39	9.0	16.03	46.0	81 56	
R.16	69.38	—	27 18.51 (0.4)	19 1 23.2 (½)	281 30	
114	70.43	8.3	18.51	25.3	281 34	
216	71.40	8.5	18.61	25.0	78 30	
R.20	69.50	—	27 18.86	16 26 9.7	*278 58	
107	70.35	schw. W	19.01	9.3	81 4	
113	43	7.0	18.94	9.2	* 278 58	
114	70.43	9.2	27 29.65	19 17 58.3	281 50	
217	71.41	= 9.4	29.64	59.7	78 12	
218	41	9.0	29.64	58.1	78 12	
R.18	69.43	—	27 51.61 (0.4)	18 43 13.4 (½)	281 16	
115	70.45	9.1	51.55	13.6	281 16	
216	71.40	9.1	51.57	14.2	78 48	
118	70.47	6.5	28 10.52 (½)	17 33 36.1 (½)	280 6	
214	71.39	7.1	10.48	37.5	79 58	
113	70.43	8.8*	28 21.53	15 28 41.2 (½)	278 0	* nicht sch…
215	71.40	9.0	21.49	40.1	82 2	
R.16	69.38	—	28 58.27 (0.4)	18 39 39.8 (½)	281 8	
115	70.45	8.0	58.30	38.9	281 12	
216	71.40	8.5	58.30	39.9	78 52	
R.18	69.43	—	29 38.88 (½)	18 9 42.8 (½)	280 42	
115	70.45	9.1	38.80	44.0	280 42	
218	71.41	8.9	38.83	45.1	79 22	
220	47	8.7	38.81	43.6	79 22	
116	70.46	9.1	29 46.14	18 2 54.6	280 36	
216	71.40	9.2	46.14	57.7	79 28	
116	70.46	6.9	29 52.86	18 4 23.4	280 36	
216	71.40	6.0	52.76	24.4	79 26	
R.19	69.45	—	29 56.71 (½)	17 18 47.0 (½)	279 50	
118	70.47	8.7	56.84	48.9	279 50	
214	71.39	8.5	56.81	48.6	80 12	s. unr.
R.16	69.38	—	30 15.43 (0.3)	16 31 35.6 (½)	279 0	2 F.
116	70.45	8.3	15.30	35.0	279 4	
215	71.40	8.2	15.34	35.6	81 0	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
15	70.45	9.3	30m17s.11	16°40′35″.7	279°12′	
16	71.40	9.3	16.94	36.9	80 50	
15	70.45	8.8	30 21.41	16 15 21.0	278 48	
20	71.47	8.4	21.42	21.6	81 16	
20	69.50	—	30 40.72 (½)	15 30 57.5	*278 4	
07	70.35	—	40.87	58.2 (½)	82 0	
13	43	7.0	40.86	59.3 (½)	278 2	
14	70.43	8.5	30 41.61	19 14 53.7	281 46	
17	71.41	—	41.49	51.1::(½)	78 16	
18	41	8.6	41.62	52.5	78 16	
.16	69.38	—	30 43.69(0.4)	16 32 4.6 (¼)	279 0	
16	70.46	6.0	43.72	3.4	279 4	
15	71.40	6.5	43.74	3.6	81 0	
14	70.43	9.1	30 50.27	19 33 41.4	282 6	
16	71.40	9.2	50.23	41.9	77 58	
.18	69.43	—	30 54.96(0.4)	15 20 24.1 (¼)	277 52	
07	70.35	schw.	55.00	23.9	82 10	
13	43	7.0*	54.99	24.4	277 52	* schw. röthl.
15	71.40	7.3	54.90	24.8	82 10	
18	70.47	9.4	30 56.38 (½)	20 5 49.6 (½)	282 38	zl. gut
18	71.41	9.5	56.29	49.6	77 24	
20	47	9.5	56.39	50.2	77 24	
07	70.35	—	31 1.35	15 21 [56±]	82 8	
13	43	9.1	1.46	57.4	277 54	
15	71.40	9.2	1.32	56.9	82 8	
.19	69.45	—	31 50.08(0.4)	16 56 34.7 (¼)	279 28	
15	70.45	7.2	50.00 (½)	35.4 (½)	279 28	
14	71.39	7.8	49.94	34.6	80 34	
14	70.43	9.1	32 12.32	19 24 44.0	281 36	
17	71.41	9.1	12.28	45.5	78 6	
18	41	8.8	12.24	45.1	78 6	
16	70.46	8.3	32 20.30 (½)	17 39 26.6	280 12	
16	71.40	8.7	20.33	26.1	79 52	
15	70.45	8.8	32 44.06	16 49 54.8	279 22	
16	71.40	8.7	44.03	55.4	80 42	
07	70.35	—	32 58.26 (½)	15 49 34.9	81 40	2 F.
13	43	8.0	58.18	33.4	278 22	
18	71.41	7.5 ä. zfl.	58.21	33.3	81 42	
20	47	8.0	58.21	33.7	81 40	
R.15	69.37	—	33 3.23(0.3)	15 22 27.7 (½)	277 50	3 F.
113	70.43	9.1	3.32	28.4	277 54	
115	71.40	9.2	3.33	28.4	82 8	
R.16	69.38	—	33 5.45(0.3)	19 21 36.4 (¼)	281 50	3 F.
114	70.43	9.2	5.48	36.7	281 54	
217	71.41	9.4	5.64:	37.4:(½)	78 10	
118	41	9.2	5.56	36.5	78 10	
R.20	69.50	—	33 56.37 (½)	16 43 11.0	279 16	
107	70.35	(wie 9.5)	[56.58]	10.6	80 48	d gut
113	43	7.1	56.39	10.3	279 16	
114	43	7.1	56.38	11.1	279 16	
216	71.40	7.5:	56.32 (½)	10.9	80 48	
217	41	7	56.41 (½)	10.9 (½)	80 48	
R.18	69.43	—	34 11.30 (½)	17 10 50.0 (½)	279 42	
115	70.45	9.3	11.25	52.5	279 42	
214	71.39	9.1	11.31	52.4	80 20	
115	70.45	8.9	34 20.81	18 35 25.0	281 8	
218	71.41	8.7	20.98	25.3	78 56	
220	47	8.5	20.83	24.3	78 54	
R.15	69.37	—	34 42.27(0.4)	17 48 9.5 (½)	280 16	
113	70.43	9.1	42.46	9.9	280 20	
214	71.39	9.1	42.42	9.4	79 42	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
R.16	69.38	—	34m48s.44(0.3)	19° 1′41″.4 (¼)	281°30′	3 F.
114	70.43	9.4	48.58	42.6	281 34	
217	71.41	9.5	48.36	43.4 (½)	78 30	ziemlich
220	47	9.4	48.46	43.1	78 28	
114	70.43	[6.3]	34 50.94	19 4 33.2	281 36	
217	71.41	7.5	50.90	33.8	78 26	
220	47	7.5	50.83	33.5	78 26	
115	70.45	8.8	35 3.97	16 59 57.1	279 32	
214	71.39	8.9	3.97	59.1	80 30	
R.20	69.50	—	35 14.34 (½)	16 25 45.3	*278 58	
118	70.47	5.8	14.33 (½)	44.6 (½)	278 58	
215	71.40	6.0	14.39 (½)	46.0 (½)	81 6	
R.19	69.45	—	35 22.58 (½)	18 57 38.1 (¼)	281 30	
114	70.43	9.2	22.49	37.6 (¼)	281 30	
217	71.41	9.2 W.	22.44	39.6	78 34	schwach
218	41	8.7	22.56	39.1	78 34	
116	70.46	9.5	35 42.06	18 51 29.7	281 24	
216	71.40	9.3	42.00 (2)	31.3	78 40	
R.18	69.43	—	35 43.78(0.3)	19 33 9.4 (¼)	282 4	3 F.
114	70.43	8.6	43.72	9.0	282 6	
218	71.41	8.5	43.78	9.7	77 58	
220	47	8.7	43.68	9.6	77 58	
118	70.47	4.3	35 58.71 (½)	20 4 28.1 (½)	282 37	
218	71.41	4.3	58.70	26.8	77 26	
220	47	4.2	58.75	28.2	77 26	
R.15	69.37	—	36 4.98(0.3)	17 12 3.3 (¼)	279 40	3 F.
115	70.45	9.3	5.11	4.7	279 44	
214	71.39	9.2	5.00	3.2	80 18	
116	70.46	5.5	36 17.31	18 51 48.6	281 24	
216	71.40	5.8	17.26	49.4	78 40	
113	70.43	9.2	36 17.49 (½)	15 24 56.4	277 56	
215	71.40	9.3	17.36	57.7	82 6	
R.16	69.38	—	36 18.78(0.3)	16 50 2.0 (¼)	279 18	3 F.
115	70.45	9.0	18.81	2.7	279 22	
214	71.39	8.8	18.86	2.8	80 40	
114	70.43	9.0	36 30.25	19 46 8.3	282 18	
217	71.41	9.1	30.30 (½)	7.6	77 46	2 F.
221	47	8.9	30.24	8.2	77 44	
116	70.45	8.0	36 48.45	18 36 53.7 (½)	281 8	
220	71.47	7.8	48.60	52.8	78 54	
R.19	69.45	—	37 9.56(0.4)	19 23 18.9 (¼)	281 56	
114	70.43	—	9.50	19.6	281 56	
217	71.41	9.1	9.41	19.5	78 8	
221	47	9.2	9.37 (½)	19.6 (½)	78 8	
113	70.43	9.2	37 10.34	14 57 27.5	277 30	
215	71.40	9.5	10.28	27.2	82 34	
R.18	69.43	—	37 23.65(0.4)	18 33 3.1 (¼)	281 4	
116	70.45	8.7	23.64	4.6	281 4	
218	71.41	8.6	23.67	4.8	78 58	
220	47	8.6	23.67	3.8	78 58	
118	70.47	9.3	37 48.33	20 2 8.1 (½)	282 34	
217	71.41	9.0 W.	48.51	6.8:(½)	77 28	
218	41	9.4	48.55	9.0	77 28	
R.16	69.38	—	38 15.56(0.4)	15 57 28.3 (¼)	*278 26	
118	70.47	8.7	15.72	29.6	278 30	
216	71.40	8.5	15.62	28.1	81 32	Z. 212: 8m.2
113	70.43	9.0	38 20.81	14 57 38.7	277 30	
221	71.47	9.2	20.75	38.1	82 34	
212	71.39	8.9	38 32.00 (½)	15 53 44.3 (½)	278 26	
216	40	9.0	32.02 (½)	44.7	81 36	2 F.
221	47	9.0	31.94	44.9	81 38	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15^h			
119	70.47	8.0	$38^m 35^s.23$	15° 41' 48".9	278° 14'	
221	71.47	8.4	35.20	49.4	81 50	
116	70.45	9.2	38 39.97	18 44 11.3	281 16	
220	71.47	9.0	39.89	11.7	78 46	
R.20	69.50	—	38 46.44 (½)	16 54 20.6	279 26	
119	70.48	7.3	46.55	21.2	279 26	
221	71.47	7.7	46.53	20.8	80 36	
212	71.39	7.0	39 1.49	17 39 30.3	280 12	
214	39	7.0	1.49	30.0	79 52	
212	71.39	7.3*	39 6.54	17 7 54.7 (½)	279 40	* schw. röthl.
214	39	7.5	6.53	55.3	80 24	
115	70.45	8.5	39 10.62	15 26 57.8	278 0	
215	71.40	8.1	10.64	55.7	82 4	
118	70.47	9.1	39 11.19	17 26 22.7	279 58	
220	71.47	9.1	11.25	22.8	80 4	
114	70.43	9.0	39 50.13	19 41 43.1	282 12	
218	71.41	9.1	50.06	42.5 (½)	77 50	
220	47	9.0	50.13	44.9	77 50	
115	70.45	9.3	40 1.14	15 13 40.0	277 46	schwierig
216	71.40	9.1	1.18	38.9	82 16	
221	47	9.3	1.20	40.0	82 16	
119	70.48	9.2	40 3.26	19 55 18.9	282 26	
218	71.41	9.3	3.27	20.1	77 36	
220	47	9.3	3.24 (½)	20.6 (½)	77 36	
115	70.45	9.4	40 4.39 (½)	15 18 5.2	277 50	schwierig; 3 F.
216	71.40	9.3	4.54 (½)	5.9	82 12	3 F.
237	72.48	9.3	4.37	7.7 (½)	82 12	
240	73.42	9.2	4.61	6.2	82 12	
119	70.48	8.7	40 20.58	19 58 55.3	282 30	Z. 218: $9^m.0$
237	72.48	8.8	20.46	56.7 (½)	77 32	
240	73.41	8.9	20.61	56.0 (½)	77 33	
R.19	69.45	—	40 22.05 (0.4)	15 3 58.0 (½)	277 36	
115	70.45	8.2:	22.05	58.3	277 36	Bel. zu schw.
215	71.40	9.1	22.08	58.1	82 26	
*						
107	70.35	wie 7.8	40 38.93	15 55 1.3	81 36	
113	43	7.5	38.90	1.4 (½)	278 28	
118	70.47	9.1	40 47.38	17 55 24.3	280 28	
216	71.40	9.3	47.26	24.4	79 36	
118	70.47	9.1	40 49.11	18 34 3.8	281 6	
221	71.47	9.2	49.11	4.5	78 56	
115	70.45	8.6	40 59.71	14 53 9.8	277 26	
215	71.40	9.1	59.72	10.5	82 38	
R.16	69.38	—	41 13.41 (0.4)	19 28 9.1 (½)	**281 0	
114	70.43	9.2	13.53	8.7	282 0	
221	71.47	9.2	13.46	8.8	78 2	
114	70.43	9.2	41 19.61	19 40 32.5	282 12	
R.15	69.37	—	41 20.90 (0.2)	18 27 24.3 (½)	280 56	2 F.
116	70.45	9.0	20.92	25.3	281 0	
220	71.47	9.0	20.92	23.5	79 4	
118	70.47	9.0	41 49.44	17 14 46.3	279 46	
214	71.39	9.2	49.18	47.1	80 16	
216	71.40	9.2	41 49.32	19 40 18.9	77 50	3 F.
114	70.43	7.9 sic	41 49.50	19 12 10.9	281 44	
217	71.41	8.0	49.50	10.8	78 18	
218	41	8.0	49.56	9.8	78 18	
114	70.43	8.1 sic	41 49.54	19 14 16.9	281 46	
217	71.41	8.2	49.68 (½)	17.2	78 16	3 F.
218	41	8.5	49.50 (½)	14.8	78 16	3 F.

* Nr. 5643: β Serpentis, Fund.-St.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15^h			
R.19	69.45	—	$42^m 7^s.68$ (0.4)	19° 40' 59".6 (½)	282° 12'	
114	70.43	8.3	7.81	59.5	282 12	
216	71.40	7.5	7.67	41 1.2	77 50	
113	70.43	8.8	42 28.17	15 47 11.1	278 20	
215	71.40	9.1	28.08	11.2	81 44	
R.15	69.37	—	42 55.27 (0.3)	18 39 49.4 (½)	281 8	3 F.
115	70.45	9.0	55.03	49.5	281 12	
214	71.39	9.2	55.00	49.4	78 52	
113	70.43	8.6	42 59.99	14 46 43.9 (½)	277 18	
215	71.40	9.1	59.98	43.8	82 44	
119	70.47	9.3	43 5.06	18 53 51.2	281 26	
220	71.47	9.2	5.09	52.0	78 36	
*						
114	70.43	9.0	43 47.76	18 56 38.8	281 28	
220	71.47	9.0	47.74	40.2	78 34	
119	70.48	8.1	44 27.20	20 4 28.5	282 36	
217	71.41	8.2	27.24	30.0	77 26	
218	41	8.1	27.16	28.4	77 26	
R.15	69.37	—	44 30.30 (½)	18 49 31.4 (½)	281 18	
115	70.45	8.8	30.17	33.1	281 22	18° 30.6 9.3
220	71.47	8.1	30.14	33.9	78 42	» 9
116	70.45	9.2	44 42.70 (½)	17 7 53.6 (½)	279 40	etw. uns.
214	71.39	9.1	42.78	54.4	80 22	
116	70.45	8.9	44 47.55	17 54 8.8	280 26	
214	71.39	9.1	47.72	9.7	79 36	
107	70.35	—	44 56.03 (2)	15 30 51.8 (2)	82 0	Var. *R* Serpent.
113	43	7.1*	55.94 (½)	52.4 (½)	278 2	* schw. röthl.
113	70.43	8.8	45 8.43 (½)	15 3 27.7 (½)	277 36	
215	71.40	9.0	8.48	27.6	82 28	
114	70.43	8.4	45 18.62	19 33 34.5	282 6	
216	71.40	7.8	18.63	35.0	77 58	
119	70.47	9.2	45 26.84	17 31 29.1	280 4	
214	71.39	9.2	26.89	30.4	80 0	
R.20	69.50	—	45 27.80	16 31 1.9	279 4	
115	70.45	8.0	27.87	1.5	279 2	
217	71.41	8.8	27.86	1.4	81 0	
218	41	8.4	27.93	1.7	81 0	
R.15	69.37	—	45 57.98 (0.3)	19 39 56.7 (½)	282 8	3 F.
114	70.43	8.0	58.01	56.9	282 12	
216	71.40	8.0*	57.89	58.6	77 52	röthlich
R.16	69.38	—	46 8.29 (0.3)	15 13 49.8 (½)	277 42	3 F.
113	70.43	8.5	8.41	49.8	277 46	
215	71.40	8.6	8.39	50.4	82 18	
119	70.48	7.8	46 15.71	15 37 0.1	278 8	
215	71.40	8.0	15.71	36 58.7	81 54	
115	70.45	9.1	46 16.40	15 25 35.0	277 58	
215	71.40	9.2	16.42	36.2	82 6	
R.20	69.50	—	47 9.15	16 18 58.6	278 52	
115	70.45	8.0 sic	9.10	56.6	278 50	
216	71.40	7.9	9.16	57.7	81 12	
113	70.43	7.8	47 12.03 (½)	15 48 18.0 (½)	278 20	
215	71.40	7.5	11.97	19.0	81 42	
18	69.50	8.9	47 13.32	17 55 51.7	280 28	
214	71.39	9.0	13.44	50.1	79 36	
212	71.39	6.5*	47 17.17	17 46 37.8	280 20	* schw. orange
214	39	6.5	17.12	36.8	79 44	
239	73.41	6.5	16.90	39.1	79 44	
119	70.47	9.0	47 21.78	17 2 38.9	279 34	
214	71.39	9.0	21.68	39.6	80 28	

* Nr. 5660: κ Serpentis, Fund.-St.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
114	70.43	9.1	47m 27s.07	18° 56' 39".3	281 28	19°3029 9m.1
218	71.41	9.1	27.04	38.7	78 34	9.2
220	47	9.2	27.14 (½)	40.8	78 34	9.3
241	73.42	9.0	27.17	37.6	281 28	9
R.15	69.37	—	47 40.73 0.4	17 59 35.7 (½)	280 8	
119	70.48	8.9	40.62	36.5	280 12	
216	71.40	8.5	40.60	36.4 (½)	79 52	
R.16	69.38	—	47 51.68 0.5	16 26 52.0 (½)	278 54	3 F.
115	70.45	6.9	51.68	52.0	278 58	
216	71.40	6.1	51.69	52.6	81 4	
R.19	69.45	—	47 59.78 0.4	19 5 46.9 (½)	281 38	
114	70.43	8.3	59.76	45.6 (½)	281 38	Z.119: 8m
217	71.41	8.0	59.69 (½)	46.3 (½)	78 21	
218	41	8.2	59.81	46.8	78 21	
18	69.50	8	48 8.72	17 59 16.6	280 52	
20	51	8	8.74	14.5	79 50	
241	73.42	8.0	8.67	12.7	280 50	
R.20	69.50	9.1	48 17.74	15 19 25.1	277 52	
113	70.43	8.8	17.86	24.7	277 52	
215	71.40	9.0	17.79	26.9	82 12	
212	71.39	9.2	48 27.24	14 56 29.9 (½)	277 31	15°2927 9m.5
215	40	9.2	27.05 (½)	28.7	82 34	F.ld. st. schl [1]
114	70.43	8.1	48 27.48	19 8 56.1	281 46	
119	48	8.1	27.46	55.1	281 46	
217	71.41	8:	27.54	56.0 (½)	78 22	
218	41	8.1	27.58	54.5	78 22	
212	71.39	7.9	48 29.66	17 21 43.1	279 54	
214	39	8.0	29.76	42.0	80 1	
114	70.43	8.8	48 31.96	19 46 56.9	282 18	
217	71.41	8.5	31.91	57.4	77 41	
220	47	8.2	31.92	56.6	77 41	
114	70.43	9.0	48 34.27 (½)	19 39 21.0 (½)	282 12	nicht gut
212	71.39	9.1	34.26	23.7	282 12	Bel. s. hell
218	41	9.1	34.24	24.3	77 52	
220	47	9.0	34.35	22.6	77 52	
18	69.50	8.9	48 40.05	18 43 4.2	281 16	
220	71.47	9.2	39.99	4.7	78 48	
18	69.50	9	49 7.94	18 24 27.7	280 56	
221	71.47	9.0	7.90	28.8	79 6	
R.15	69.37	—	49 11.46 0.4	17 35 38.6 (½)	280 4	
119	70.48	9.1	11.47	37.2	280 8	
214	71.39	9.1	11.54	36.3	79 56	
R.16	69.38	—	49 21.31 0.5	16 54 52.7 (½)	279 22	3 F.
216	71.40	9.2	21.42	51.6	80 36	
241	73.42	9.2	21.50	51.7	279 26	
R.20	69.50	8.8	49 30.93	14 58 26.1	277 30	
113	70.43	8.5	31.01	25.4	277 30	
221	71.47	8.8	31.08	24.4	82 52	
R.19	69.45	—	49 36.16 0.3	16 46 36.1 (½)	279 18	3 F.
115	70.45	9.1	36.11	37.0 (½)	279 18	
216	71.40	9.0	36.13	36.9	80 44	
115	70.45	8.7	49 38.28	16 25 11.4 (½)	278 58	
216	71.40	8.6	38.34	11.0	81 6	
113	70.43	9.2	49 49.88	15 6 20.6	277 38	
221	71.47	9.2	50.00	21.2	82 24	
119	70.47	8.7	49 59.95	17 25 9.9	279 58	
214	71.39	8.6	59.86	11.3	80 6	
212	71.39	6.2	50 4.12	18 59 15.5	281 32	
217	41	—	4.05	17.1	78 32	
218	41	h.7	4.18	15.9	78 32	

[1] Beleuchtung zu hell

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
R.20	69.50	8.5	50m 28s.95	15° 7' 0".8	277° 38'	
113	70.43	8.4	28.95	6 59.6	277 38	
221	71.47	8.4	28.98	7 1.5	82 24	
R.15	69.37	—	50 44.29 0.4	19 47 32.5 (½)	282 16	3 F.
114	70.43	9.1	44.31	33.3	282 20	
218	71.41	9.2	44.23	33.3	77 44	
220	47	8.9	44.29	32.8	77 44	
R.16	69.38		51 23.93 0.4	17 47 59.5 (½)	280 16	
119	70.48	9.2	23.76	48 0.8	280 20	Bem. [2]
218	71.41	9.4	23.85	0.4	79 44	
220	47	9.2	23.80	47 59.6	79 42	
212	71.39	5.2	51 28.59	14 46 26.8	277 18	* schw. orange
221	47	6.1 W	28.60 (½)	27.3 (½)	82 44	
R.19	69.42	—	51 29.01 0.4	17 11 54.0 (½)	279 44	
119	70.48	8.8	28.86	53.0	279 44	
214	71.39	8.9	28.84	54.3	80 18	
119	70.48	7.9	51 35.57	17 32 53.2	280 4	
216	71.40	8.1	35.52	54.2	79 58	
18	69.50	s.8-9	51 50.89	18 24 9.2	280 56	
217	71.41	8.8	50.91 (½)	7.8	79 6	3 F.
220	47	8.4	50.88	8.4	79 6	
241	73.42	8.8	50.78	10.0	280 56	
R.20	69.50	8.4	51 51.28	16 26 12.2	278 58	
212	71.39	8.4	51.27	11.9	278 58	
216	40	8.4 zll.	51.29	10.6	81 4	
212	71.39	8.1	52 11.69	14 53 10.4	277 26	
215	40	8.1	11.70	11.5	82 38	
R.15	69.37	—	52 12.34 0.4	19 14 37.9 (½)	282 12	
114	70.43	8.5	12.45 (½)	38.8 (½)	282 16	
220	71.47	8.1 sic	12.35	39.7	77 46	
115	70.45	8.9	52 28.48	15 49 45.5 (½)	278 22	
215	71.40	9.2	28.55	46.2	81 42	
R.20	69.50	7.9	53 7.18	16 34 14.5	279 6	
212	71.39	7.8*	7.17	14.2	279 6	* schw. orange
220	47	7.5	7.17	14.6	80 56	
212	71.39	9.1	53 10.13	16 10 26.0	278 42	16°2852 9m.1
215	40	9.2	10.08	24.2	81 20	
R.16	69.38	—	53 17.34 (½)	17 40 57.5 (½)	280 14	
119	70.48	8.9	17.58	58.0 (½)	280 18	
214	71.39	9.1	17.56	57.1	79 44	
R.19	69.45	—	53 18.54 0.4	16 6 16.3 (½)	278 38	
212	71.39	8.9	18.50	16.3	278 38	
215	40	8.9	18.53	16.9	81 24	
239	73.41	8.8	18.51	17.8	81 26	
18	69.50	h.7-8	53 26.21	18 40 59.9	281 14	
20	51	s.7-8	26.26	41 0.6	78 48	
237	72.48	8	26.07	0.8 (½)	78 50	
240	73.42	8.4	26.10	40 59.8	78 50	
R.15	69.37		53 42.85 (½)	19 48 11.5 (½)	282 16	
114	70.43	8.9	42.90	10.4 (½)	282 20	
217	71.41	9.1	42.83	10.4 (2)	77 42	
218	41	8.6	42.95	9.3	77 42	
18	69.50	s.8-9	53 44.58	17 57 57.1	280 30	
20	51	9	44.50	54.3	79 30	
119	70.47	8.4	54 8.14	17 43 55.3	280 16	
214	71.39	8.5	8.20	54.4	79 40	
119	70.47	8.5	54 9.46	17 44 19.9	280 16	
214	71.39	8.6	9.51	19.6	79 46	

[1] Nr. 5702! γ Serpentis, Fund.-St.
[2] 9m.4 0s.5 v. 0'.7 N.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
18	69.50	h.9	54m 28s.22	18° 40′ 2″.3	281° 12′	
20	51	h.9	28.23	2.4	78 48	
237	72.48	9.1	28.16	2.1 (½)	78 52	
240	73.42	9.1	28.20	1.4	78 52	
R.19	69.45	—	54 30.48 (0.3)	16 8 19.7 (½)	278 40	3 F.
215	71.40	8.8	30.56	19.3	81 22	
241	73.42	8.7	30.63	18.6 (½)	278 40	
119	70.47	8.3	54 35.64	17 32 1.0	280 4	
214	71.39	8.0	35.62	1.6	79 58	
R.20	69.50	8.9	54 39.15	15 54 11.2	*278 26	
220	71.47	8.2	39.19	11.0	81 36	
239	73.41	9.0	39.11	12.2	81 38	
241	42	8.7	39.23	10.7	278 26	
212	71.39	8.0	54 40.17	16 1 22.1	278 34	
215	40	8.1	40.19 (½)	22.7 (½)	81 30	
239	73.41	8.0	40.21	23.4	81 30	
220	71.47	8.8	54 40.81	14 58 12.0	82 32	
241	73.42	8.5	40.77	12.1	277 30	
220	71.47	9.0	54 41.50	15 0 27.2	82 30	
R.16	69.38	—	55 6.73 (0.3)	18 15 17.3 (½)	280 42	3 F.
18	50	8-9	6.68	17.3	280 48	
20	51	9	6.66	16.2	79 14	
237	72.48	8.7	6.68	17.4	79 16	
240	73.42	9.1	6.63	16.9	79 16	
119	70.47	9.2	55 12.82	17 34 48.4	280 6	
214	71.39	9.3	12.68	47.2	79 56	
114	70.43	8.5	55 19.26	19 39 42.3	282 12	
220	71.47	8.7	19.36	42.9	77 52	Z. 212: 8m.7
R.15	69.37	—	55 36.48 (0.3)	19 43 2.5 (½)	282 10	3 F.
212	71.39	9.2	36.44	3.9	282 16	
220	41	9.1	36.38 (½)	2.3 (½)	77 48	etw. uns.
18	69.50	5	55 37.39	18 9 53.5	280 42	
20	51	s.5	37.31	51.3	79 18	
237	72.48	4.5	37.25 (½)	53.1	79 22	3 F.
240	73.42	5*	37.42	54.0 (½)	79 23	* schw. orange
119	70.47	8.7	55 37.37	17 47 19.7	280 18	
214	71.39	9.0	37.33	19.1	79 44	
R.19	69.45	—	56 42.51 (0.4)	16 14 5.9 (½)	278 46	
212	71.39	8.8	42.44	5.4	278 46	
237	72.48	8.9	42.43	5.8	81 18	
240	73.42	8.7	42.56	4.6	81 18	
119	70.47	7.9	56 55.11	19 58 39.6	282 30	
220	71.47	8.0	55.02	38.7	77 32	
18	69.50	s.7	57 1.11	18 27 44.1	281 0	
20	51	s.7-8	1.10	42.1	79 0	
212	71.39	7.3	1.11	43.3	281 0	
R.16	69.38	—	57 25.68 (½)	17 19 11.5 (½)	279 46	
19	50	s.9	25.74 (½)	12.0	279 52	3 F.
21	51	8-9	25.79	13.9	80 10	
237	72.48	9.1	25.75	12.5	80 12	
240	73.42	8.9	25.71	11.6	80 12	
R.19	69.45	—	58 12.97 (0.4)	18 8 50.3 (½)	280 40	
18	50	7	13.01	53.0	280 42	
20	51	6-7	13.10	49.5	79 20	
R.15	69.37	—	58 33.11 (0.3)	17 26 41.4 (½)	279 54	3 F.
119	70.48	9.1	33.11	41.4	279 58	
220	71.47	8.9	33.13	41.5	80 4	
R.16	69.38	—	59 5.25 (0.4)	18 25 28.6 (½)	280 52	
18	50	s.9	5.38	29.8: (½)	280 58	
20	51	s.9	5.40	29.1	79 2	
237	72.48	9.1	5.37	28.1	79 6	
240	73.42	9.2	5.35	27.7	79 6	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			15h			
R.20	69.50	8.2	59m 12s.78	16° 22′ 2″.7	278° 54′	
119	70.48	8.3	12.84	2.9	278 54	
220	71.47	8.2	12.74	3.4	81 8	
119	70.47	9.2	59 17.79	16 33 21.5	279 6	
220	71.47	9.2	17.87	22.1	80 58	
119	70.47	9.1	59 29.31	16 48 30.0	279 20	
214	71.39	8.8	29.28	27.4	80 42	
212	71.39	8.1	59 51.66	15 35 54.3 (½)	278 8	
237	72.48	8.3	51.73	54.7	81 56	
R.19	69.45	—	59 57.61 (0.4)	18 54 52.5 (½)	281 26	
18	50	h.9	57.60	51.4	281 28	
20	51	h.9	57.63	51.3	78 34	
			16h			
R.15	69.37	—	0 5.86 (0.4)	18 52 49.2 (½)	281 20	
18	50	9	5.81	50.8	281 24	
20	51	s.9	5.77	50.2	78 36	
R.20	69.50	9.0	0 25.20	15 44 19.2	278 16	
212	71.39	9.1	25.23 (½)	19.0 (½)	278 16	
237	72.48	8.9	25.23	16.8	81 48	
237	72.48	9.5	0 36.58	18 42 30.7	78 50	Var. *R* Herc.
239	73.41	8.5	36.41	34.1 (½)	78 49	
240	42	8.4	36.41	32.0 (½)	78 49	
241	42	8.4	36.44	33.2 (½)	281 15	
21	69.51	9	0 36.85	17 44 —	79 —	
119	70.48	9.2	36.85	33.3	280 16	
214	71.39	9.2	36.86 (½)	32.9 (½)	79 46	
240	73.42	8.9	0 38.39	20 3 23.7	77 28	
241	42	8.5	38.45	24.9	282 34	20°3203 h.9m
17	69.50	h.9	0 42.31	19 30 46.8	282 2	
240	73.41	9.1	42.33	47.4 (½)	78 0	
R.16	69.38	—	0 48.02 (0.4)	18 50 25.2 (½)	281 18	
18	50	9-10	48.05	23.2	*281 22	
237	72.48	9.2	48.07	22.5	78 42	Bem.[1]
118	70.47	8.0	1 9.42	16 41 28.9	279 14	
220	71.47	7.8	9.45	29.6	80 50	
239	73.41	9.2	1 12.15	18 40 36.3	78 50	
118	70.47	9.1	1 20.60	16 51 51.3	279 24	
214	71.39	8.8	20.73	52.1	80 40	
R.20	69.50	8.9	1 25.21	16 33 36.7	279 6	
118	70.47	9.2	25.21	36.7	279 6	
220	71.47	9.1	25.22	36.8	80 58	
R.16	69.37	—	1 28.88 (0.3)	17 13 52.2 (½)	279 42	3 F.
19	50	8-9	28.85	53.0	279 46	
21	51	8-9	28.78	52.8	80 14	
118	70.47	8.0	2 2.68	16 2 45.4	278 34	
215	71.40	7.8	2.66 (½)	46.1 (½)	81 28	
17	69.49	s.9	2 5.08	19 9 19.3	281 42	
220	71.47	9.3	5.12	19.4	78 22	
19	69.50	s.8	2 6.10	17 4 11.9	279 36	
21	51	8	6.09	13.2	80 24	
R.20	69.50	9.1	2 12.49	15 14 59.5	277 48	
212	71.39	9.1 sic	12.44	58.7	277 48	
220	47	8.7	12.59	58.6	82 16	
R.16	69.38	—	2 24.71 (0.3)	17 39 48.6 (½)	280 8	3 F.
21	51	s.9	24.66 (½)	48.4	79 50	3 F. —[2]
119	70.48	9.1	24.62	48.4	280 12	
119	70.48	5.0	2 26.11	17 22 53.7	279 54	
214	71.39	5.5*	26.06	52.4	80 8	* schw. orange
241	73.42	5.2	26.15	53.1 (½)	279 55	

[1] 9m.3 f. 2s.–2s.5 30″ N. [2] Com. 135°?

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16^h			
119	70.48	6.7	$2^m 26^s.43$	17° 23′ 23″.2	279° 56′	
214	71.39	7.2	26.46	23.1	80 8	
241	73.42	7.4	26.34	22.9 (½)	279 55	
R.15	69.37	—	2 27.75(0.3)	17 33 41.2 (½)	280 2	3 F.
212	71.39	9.0	27.71	41.4	280 6	
214	39	9.1	27.67	41.7	79 58	
237	72.48	8.0:	27.72	43.1	79 58	
240	73.42	9.1	27.58	41.3	79 58	
17	69.49	h. 9	2 54.96	19 19 20.7	281 52	
220	71.47	9.1	55.03	22.5	78 12	
R.15	69.37	—	3 8.67(0.3)	17 32 18.5 (½)	280 0	3 F.
19	50	6-7	8.55	19.3	280 4	
21	51	6-7	8.57	19.8	79 56	
237	72.48	7.0	8.59	19.6	80 0	
240	73.42	6.6	8.57	19.5 (½)	79 59	
118	70.47	7.8	3 9.58	16 7 42.6	278 40	
215	71.40	7.7	9.56	42.5	81 24	
17	69.49	h. 9	3 9.79	18 59 22.9	281 32	
220	71.47	9.0	9.85	22.6	78 32	
R.16	69.38	—	3 28.25(0.3)	17 41 50.9 (½)	280 10	3 F.
119	70.48	7.9	28.23 (½)	50.1 (½)	280 14	
214	71.39	8.0	28.24	49.3	79 50	
240	73.41	8.0	28.15	52.4	79 50	
17	69.50	s. 8-9	3 37.75	19 56 10.6	282 28	
22	52	schw., W.	37.71 (½)	11.2	77 32	3F. Hgl.—^{s}.044 ang.
212	71.39	9.3	3 39.65	15 30 18.8	278 2	
215	40	9.1	39.79	17.2	82 0	
R.20	69.50	8.8	3 58.04	16 9 56.1	278 42	
118	70.47	8.8	57.83	55.0	278 42	
215	71.40	8.8	57.92	57.1	81 22	
212	71.39	8.5	4 0.23	16 49 36.7	279 22	
214	39	8.9	0.11	36.7	80 42	
19	69.50	s. 8-9	4 0.56	17 8 6.6	279 40	
21	51	8	0.60	6.7	80 20	
237	72.48	8.4	0.50	8.1	80 24	
118	70.47	9.0	4 4.00	16 14 22.1	278 46	
215	71.40	9.1 sic	4.08	22.9	81 16	
241	73.42	8.9 sic	4.15	23.5 (½)	278 47	
18	69.50	8 .. h.8	4 5.88	18 46 7.4	281 18	
20	51	8	5.90	5.0	78 42	
119	70.47	9.3	4 32.43	17 19 29.2	279 52	
214	71.39	9.3	32.38	30.3	80 12	
212	71.39	8.3	4 37.82	15 12 13.0	277 44	
215	40	9.1 zfl.	37.71	11.6	82 18	
21	69.51	9-10	4 50.57	17 52 36.1	79 36	
119	70.48	9.3	50.58	37.3	280 24	
239	73.41	9.1	50.59	37.1	79 38	
R.15	69.37	—	5 0.92 (½)	15 56 41.7 (½)	278 24	
212	71.39	9.2	0.78	39.7	278 28	
237	72.48	9.1	0.86	39.8	81 34	
240	73.42	9.2	0.71	40.6	81 34	
R.20	69.50	8.2	5 9.18	15 30 5.3	278 2	
212	71.39	8.0	9.11	7.0 (½)	278 2	
220	47	7.8	9.15	4.9	82 0	
R.16	69.38	—	5 16.20(0.3)	16 36 1.0 (½)	279 4	3 F.
118	70.47	9.0	16.27	1.6	279 8	
237	72.48	8.5	16.34	0.7	80 54	
240	73.42	8.6	16.26	35 59.5	80 56	
R.16	69.38	—	5 27.30(0.3)	16 38 23.0 (½)	279 6	3 F.
118	70.47	8.5	27.28	20.7	279 10	
237	72.48	8.3	27.35	20.1	80 52	
240	73.42	8.0	27.31	21.7	80 52	
			16^h			
18	69.50	s. 7-8	$5^m 33^s.82$	18° 15′ 9″.2	280° 48′	
20	51	s. 7-8	33.74	9.0	79 14	
241	73.42	8.2	33.72	9.1	280 46	
212	71.39	8.4	5 45.14	15 26 56.9	278 0	
220	47	8.2	45.16	55.4	82 4	
19	69.50	s. 6	5 49.27	16 59 26.1	279 32	
21	51	6-7	49.29	27.8	80 30	
19	69.50	h. 8	5 52.02	17 18 8.8	279 50	Com. 9^m 330°?
21	51	8	52.00	8.6	80 10	kein Com.
18	69.50	h. 9-10	6 4.59	18 28 15.5	281 0	
20	51	9-10	4.61	13.8	79 0	
R.20	69.50	9.0	6 21.32	14 52 14.5	277 24	
215	71.40	9.1	21.24	14.4	82 38	
241	73.42	9.0	21.24	15.4 (½)	277 25	
R.20	69.50	8.8	6 22.97	14 52 —	277 —	
215	71.40	8.5	22.94	24.2	82 38	
241	73.42	8.5	22.94	22.4	277 24	
18	69.50	s. 8	6 27.21	18 18 3.5	280 50	
20	51	s. 8	27.21	3.7	79 10	
18	69.50	8-9	6 32.67	18 7 52.7	280 40	
20	51	8-9	32.70	51.0	79 20	
R.15	69.37	—	6 33.15(0.3)	16 50 29.2 (½)	279 18	3 F.
118	70.47	9.1	33.27	29.8	279 22	
214	71.39	8.6	33.32	30.1	80 40	
119	70.47	9.1	6 34.42	16 17 38.5	278 50	
220	71.47	9.0	34.53	39.1	81 14	
17	69.50	h. 9	6 38.52	19 38 28.3	282 10	
22	52	gz. schw.	38.32 (½)	[34 ±]	77 50	3 F. —[1]
118	70.47	8.6	6 53.82	16 51 43.3	279 24	
214	71.39	8.0	53.78	44.3	80 40	
17	69.49	s. 8-9	7 0.27	19 10 41.9	281 42	
220	71.47	8.8	0.26	43.0	78 20	
220	71.47	9.1	7 5.98	19 32 13.8	77 58	
241	73.42	9.1	5.82	12.5	282 4	
R.16	69.38	—	7 11.30(0.3)	16 37 43.6 (½)	279 6	3 F.
118	70.47	9.4	11.46:(½)	43.9:(½)	279 10	
119	48	9.3	11.36	43.7	279 10	
237	72.48	9.3	11.33	42.6	80 52	
240	73.41	9.3	11.37:(½)	42.4:(½)	80 54	
119	70.47	9.2	7 15.19	17 25 41.4	279 58	
214	71.39	9.2	15.17	40.2	80 6	
21	69.51	s. 9	7 15.77	17 19 17.9	80 10	
241	73.42	9.0	15.79	16.3	279 50	
17	69.50	7	7 19.51	19 25 22.6	281 58	
22	52	h. 7	19.52	23.7	78 4	
212	71.39	9.3	7 24.22	16 12 30.3	278 44	
237	72.48	9.2	24.27	28.8	81 18	
240	73.42	9.2	23.92	29.8	81 20	
212	71.39	9.2	7 43.86	15 34 59.9	278 6	Z. 215: $9^m.1$
212	71.39	9.1	7 44.97	15 33 4.9	278 4	
215	40	9.1	45.08	4.6	81 58	
R.15	69.37	—	8 12.65 (½)	16 45 9.6 (½)	*279 12	
118	70.47	7.8	12.41	9.0	279 16	
214	71.39	7.6	12.49	9.2	80 46	
R.19	69.45	—	8 19.98 (½)	18 48 14.7 (½)	281 20	
18	50	8	19.98	15.8	281 20	
20	51	8	20.02	14.0	78 40	
19	69.50	—	8 27.58 (½)	17 32 —	280 —	Z. 118: $8^m.8$
119	70.48	9.2	27.57	59.3	280 4	» 237: 8.9
214	71.39	9.0	27.63	57.8	79 58	» 240: 8.9

[1] Hgl. —^{s}.080 ang.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16h			
119	70.48	9.3	8m 31s.64	14° 56′ 43″.8	277 58	
215	71.40	9.4 zfl.	31.79	44.3	82 34	
R.20	69.50	9.1	8 35.11	16 7 21.5	278 41	
116	70.46	9.0	34.99	21.7	278 40	
220	71.47	9.0	35.02	21.2	81 24	
21	69.51	8.9	8 41.02 (½)	17 30 24.3	79 58	
118	70.47	9.1	40.93	24.5	280 2	
237	72.48	8.0	41.09	24.1	80 0	Z. 214: 9m.2
240	73.42	8.9	41.10	23.7	80 2	
R.16	69.38		9 5.04	16 19 23.5 (½)	278 48	
116	70.46	8.7	4.96	22.8	278 52	
215	71.40	9.2	4.89	22.7	81 12	
18	69.50	h 7-8	9 13.37	18 31 50.7	281 4	
20	51	h 7-8	13.32	50.1	78 56	
212	71.39	7.5	13.35	50.6	281 4	
237	72.48	7.6	13.32	32 0.0	79 [illegible]	
240	73.42	7.6	13.35	31 59.7	79 [illegible]	d. tw. trüb
19	69.50	8.9	9 35.70	17 31 40.6	280 4	
214	71.39	9.2	35.50	41.1	80 0	
241	73.42	9 W.?	35.61	40.3	280 2	
212	71.39	9.2	9 51.87	18 35 47.2	281 8	
220	47	9.2	51.99	45.5	78 56	
R.20	69.50	8.8	9 52.21	14 59 27.6	277 32	
118	70.47	8.8	52.06	28.0	277 32	
215	71.40	9.0	52.18	27.4	82 32	
R.19	69.45		9 56.42	19 7 30.9 (½)	281 40	3 F.
17	50	6-7	56.42	30.1	281 40	
22	52	6	56.35	31.0	78 22	
119	70.47	9.1	10 3.61	20 3 1.1	282 34	
220	71.47	9.0	3.58	0.2	77 28	
R.16	69.38	—	10 18.07	16 20 36.0 (½)	278 48	
116	70.46	8.3	18.08	36.5	278 52	
237	72.48	8.5	18.12	34.6	81 10	
240	73.41	9.0	18.08	36.5	81 12	
18	69.50	8.9	10 40.83	18 5 4.8	*280 38	
20	51	h. 9	40.88	4.5	* 79 24	
212	71.39	8.6	40.91	4.3	280 38	
17	69.50	h. 8	10 43.57	19 49 37.5	282 22	
212	71.39	7.8	43.54	38.2	282 22	
220	47	7.8	43.55	38.0	77 42	
R.20	69.50	8.6	11 2.31	15 6 9.7	*277 38	
118	70.47	8.8	2.37	9.4	277 38	
215	71.40	8.5	2.33 (½)	9.5 (½)	82 24	
116	70.46	9.0	11 16.24 (½)	16 34 18.2 (½)	279 6	
214	71.39	8.7	16.21	17.6	80 56	
241	73.42	8.8	16.33	18.5 (½)	279 7	
119	70.47	8.3	11 21.60	20 6 45.8	282 38	
220	71.47	8.2	21.59	46.1	77 24	
17	69.50	h. 7-8	11 24.78	19 9 22.1	281 42	
22	52	voll 7-8 *	24.67	23.1	78 20	* Wolk.
212	71.39	7.0	24.72	22.3	281 42	
119	70.47	8.6	11 38.09	16 44 22.3	279 16	
214	71.39	8.5	38.00	21.5	80 46	
19	69.50	h. 9	11 47.36	17 30 17.1	280 2	
21	51	9	47.36	15.5	79 58	
241	73.42	9.1	47.30	16.2	280 2	
17	69.50	9	11 56.39	19 5 51.8	*281 38	
22	52	9	—	53.2	* 78 24	
212	71.39	9.1	56.34	52.9	281 38	
18	69.50	8	12 16.15	18 5 6.0	*280 36	
20	51	8	16.21	5.5	* 79 24	
241	73.42	8.4	16.17	5.3	280 36	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16h			
R.16	69.38		12m 19s.91	15° 49′ 54″.1 (½)	278 18	3 F
116	70.46	8.6	19.92	55.3	278 22	
214	71.39	8.0	19.90	53.9	81 42	
R.20	69.50	8.8	12 47.12	15 50 51.4	278 22	
116	70.46	8.2	47.13	52.0	278 22	0m.3 [illegible] : nf.
214	71.39	8.2	47.17	50.7	81 40	
R.20	69.50	9.3	12 48.58[1]	15 50 26.0	278 22	Z. 11[illegible]
20	69.51		13 5.38	16 55 15.6	80 34	
118	70.47	8.2	5.40 (½)	16.9 (½)	279 26	
119	48	8.0	5.39	18.7	279 26	
19	69.50	8.9	13 12.74	17 42 18.2	*280 14	
21	51	9	12.67	18.4	* 79 46	
212	71.39	8.7, 8.8	12.69 (½)	19.5 (½)	280 14	D. 2″ [illegible] nf.
237	72.48	9.0 [illegible]	12.66	18.8	79 48	
240	73.42	8.8 [illegible]	12.72	17.6	79 50	
R.16	69.38		13 34.54	15 50 10.5 (½)	278 18	3 F
116	70.46	9.1	34.58	10.1	278 22	
214	71.39	9.3	34.57 (½)	10.6	81 40	3 F
118	70.47	9.1	13 37.10	15 29 36.8	278 2	
119	48	9.1	37.20	37.6	278 2	
215	71.40	9.1	37.16	36.3	82 2	
118	70.47	8.9	13 37.29	16 43 50.2	279 16	
119	48	8.7	37.26	48.5	279 16	
214	71.39	8.6	37.27	48.7	80 46	
116	70.46	9.1	14 5.07	15 47 43.4	278 20	
214	71.39	8.9	5.04	42.0	81 42	
241	73.42	8.9	4.99	42.0	278 18	
18	69.50	8.9	14 11.29	18 5 35.6	280 38	
20	51	h. 9	11.31 (½)	35.4	79 24	3 F
212	71.39	8.7	11.31	35.9	280 38	
237	72.48	9.0	11.36	35.8	79 20	
240	73.42	8.8	11.36	37.2	79 20	
116	70.46	9.3	15 17.24	14 49 24.4	277 22	
215	71.40	9.3	17.28	23.3	82 42	
241	73.42	9.3	17.13	23.3	277 20	
17	69.50	9	15 30.04	19 40 5.2	282 12	
22	52	8.9*	29.93	6.9	77 48	* Dpl[illegible]
R.20	69.50	9.1	15 30.75	15 29 19.5	278 2	
116	70.46	8.5	30.77	18.7	278 2	
215	71.40	9.0	30.78	18.0	82 2	
18	69.50	8.8	15 43.40	18 8 47.7	280 40	
20	51	h. 8	43.40	47.8	79 20	
237	72.48	7.8	43.42	48.2	79 22	
240	73.42	8.0	43.51	47.7 (½)	79 22	
18	69.50	8.9	15 52.88	18 8 43.8	280 40	
20	51	9	52.93	43.8	**79 20	
240	73.42	9.0	52.95	43.3	79 24	[Z. 237 8m[illegible]
19	69.50	k. sichtb.	16 5.70]	16 59 37.9 (½)	279 32	2 F — Hg[illegible]
21	51	9-10	—	39.5	80 30	—0s.0 ang[illegible]
118	70.47	9.3	4.75	40.8	279 32	
220	71.47	9.1	4.76	38.8	80 32	
115	70.15	9.3	16 15.69	17 29 42.2	280 2	
17	69.50	9	16 21.90	19 26 30.8	281 58	
212	71.39	9.2	21.91	33.7 (½)	281 58	
214	39	9.2	21.96	32.5	78 4	
237	72.48	9.2	21.89	31.1	78 4	
239	73.41	9.2, 9.3*	21.93 (½)	31.3 (½)	78 5	* 2 unabh. Sch.
241	42	9.3	22.02	31.9	281 58	
115	70.45	9.3	16	17 28 13.6	280 0	
212	71.39	9.3	34.08	14.0	280 0	
214	39	9.3	34.10	14.7	80 2	

* Nr. 5850: γ Herculis, Fund.-St. [1] ohne Hgl. berechnet

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16^h			
R.20	69.50	9.0	$16^m41^s.47$	14°51′34″.7	277°24′	
119	70.48	9.1	41.34	34.3	277 24	
215	71.40	8.8	41.48	33.8	82 40	Bel. zu hell
114	70.43	9.1	17 16.86	16 26 39.0	278 58	
19	69.50	h.8 ·· s.7-8	17 17.28	17 41 47.2	280 14	
21	51	h.8 ·· s.7-8	17.30	47.8	79 48	
19	69.50	h.8	17 31.28	17 45 3.8	280 18	
21	51	h.8	31.31	3.4	79 44	
118	70.47	7.8	17 34.63	19 47 55.5	282 20	Bem. [1]
220	71.47	7.5	34.64	56.6	77 44	
114	70.43	9.1	17 35.00	16 23 13.1	278 54	
237	72.48	9.1	34.93	14.0	81 8	
116	70.46	9.0	17 38.28	16 19 41.5	278 52	
237	72.48	9.0	38.22	40.8	81 12	
212	71.39	9.1	17 42.45	17 12 20.2	279 44	
214	39	9.1 zfl.	42.49	19.7	80 18	
119	70.48	9.4	17 43.65	16 39 52.8	279 12	
240	73.41	9.4	43.65	52.1	80 52	
241	42	9.5	43.70	50.0:(½)	279 12	
115	70.45	9.1	17 57	17 25 19.5	279 58	
116	70.45	8.5	18 12.65	16 23 36.4	278 56	
214	71.39	8.4	12.62	36.8	81 8	Z. 237: $8^m.5$:
114	70.43	9.1	18 17.31	15 48 41.8	278 20	
215	71.40	9.1	17.29	41.9	81 42	
119	70.48	8.5	18 27.37	19 29 6.7	282 0	
220	71.47	8.7	27.34	7.3 (½)	78 2	
239	73.41	8.7	—	8.9 (½)	78 3	
116	70.46	8.3	18 29.55	16 26 48.7	278 58	
237	72.48	8.5	29.64	46.7	81 4	
22	69.52	8	18 31.17	19 55 32.7	77 34	
212	71.39	7.9	31.20	30.1	282 28	
114	70.43	9.0	18 31.26	15 49 1.5	278 20	15°2992 $9^m.2$
215	71.40	9.2	31.30 (½)	48 58.7	81 42	3 F. — [2]
19	69.50	8-9	18 37.08	17 39 42.4	280 12	
21	51	s.8-9 ·· h.9	37.10	42.2	79 50	
118	70.47	9.2	18 40.22	19 36 54.8	282 8	
19	69.50	h. 8-9	18 57.52	17 56 8.7	280 28	
21	51	8-9	57.50	10.2	79 34	
115	70.45	7.9	18 —	15 2 2.9	277 34	
212	71.39	8.5	58.20	3.9 (½)	277 34	
240	73.42	8.1	58.20	4.0	82 30	
215	71.40	8.8	19 7.58	15 30 45.4	82 0	
241	73.42	8.0	7.52	43.7	278 2	
115	70.45	9.0	19 8.76	15 45 38.6	278 18	
215	71.40	9.0 gz.zfl.	8.59	38.2	81 46	
220	71.47	8.7 sic	19 9.10	19 47 15.3	77 44	
241	73.42	8.0	8.99	15.5	282 18	
116	70.46	8.6	19 34.31	16 27 46.4	279 0	
237	72.48	8.6	34.36	46.7	81 4	
119	70.48	6.8*	19 45.10	19 31 41.2	282 4	* röthlich
220	71.47	7.5	45.03	41.4	78 0	
239	73.41	7.2	—	41.5 (½)	78 1	
19	69.50	7-8	19 51.01	17 35 33.2	280 8	
21	51	7-8	50.90	33.3	79 54	
241	73.42	7.7 spl.	50.95	32.6	280 0	
22	69.52	s.9	20 4.16	19 14 1.0	78 14	
118	70.47	9.0	4.20	13 59.1	281 46	Z.119: $8^m.5$:

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16^h			
212	71.39	9.0	$20^m15^s.06$	15°35′40″.0	278° 8′	
215	40	9.0	15.16	40.7	81 56	
18	69.50	8-9	20 21.33	18 32 40.5	281 4	
20	51	s.8-9	21.35	40.5	78 56	
215	71.40	7.8	20 42.82	15 22 41.2	82 8	
241	73.42	7.4	42.84	41.4	277 54	
212	71.39	8.9	20 54.06 (½)	15 7 2.6 (½)	277 40	
237	72.48	8.8	54.08	2.9	82 24	
18	69.50	h.8	20 57.75	18 41 33.0	281 14	
20	51	8	57.70	33.6	78 48	
114	70.43	9.0	20 57.91	15 52 3.4	278 24	
237	72.48	8.9	57.91	4.1	81 40	
116	70.46	7.2	20 59.07	16 15 23.5	278 46	
240	73.41	7.2	59.04	26.0	81 16	
119	70.47	8.5	20 59.91	19 45 47.9	282 18	Bem. [3]
220	71.47	8.7	59.97	46.4	77 46	
115	70.45	7.6	21 9.92	16 27 20.5	279 0	
240	73.41	8.0	9.90	22.1 (½)	81 5	
19	69.50	h.9	21 10.05	17 52 39.2	280 24	
21	51	9	9.99	38.8	79 36	
18	69.50	9	21 24.51	18 27 1.8	280 58	
20	51	9	24.55	1.3	79 2	
17	69.50	9	21 34.18	19 39 6.6	282 10	
22	52	9	34.32	[3±]	77 50	
214	71.39	9.2	34.16	5.3	77 52	
115	70.45	9.0	21 39.59	14 53 11.7	277 26	
237	72.48	9.0	39.52	12.8	82 38	
241	73.42	8.7	39.56	10.6	277 26	
118	70.47	8.2	21 41.68	19 16 32.8	281 48	
220	71.47	8.3	41.67	33.5	78 14	
239	73.41	8.3	—	32.9 (½)	78 15	
17	69.50	s. 8-9	21 54.45	19 49 1.9	282 20	
22	52	h.9	54.31 (½)	0.5 (½)	77 40	unsicher
214	71.39	8.6	54.35	0.6	77 42	
115	70.45	8.7	21 —	15 22 49.4	277 54	
119	48	8.6	57.14	49.7	277 54	
237	72.48	8.8	57.12	49.2	82 8	
114	70.43	9.0	22 10.20	15 56 16.7 (½)	278 28	
215	71.40	8.9	10.13	15.7	81 34	
18	69.50	9	22 14.47	18 47 29.6	281 20	
20	51	9	14.46	28.9	78 42	
116	70.46	8.0	22 20.85	16 0 59.5 (½)	278 32	Z.114: $8^m.5$
237	72.48	8.4	20.96	1 1.1	81 30	
119	70.48	7.3	22 23.60	15 37 49.9	278 10	
215	71.40	7.0	23.51	48.6	81 54	
241	73.42	7.3	23.55	48.3	278 10	
19	69.50	8-9	22 32.90	17 46 14.4	280 18	
21	51	s. 8-9	32.89	11.7	79 42	
114	70.43	8.0	22 42.77	15 42 37.2	278 14	
215	71.40	7.2	42.78	30.4	81 48	
212	71.39	9.1	22 50.71	18 2 31.2	280 34	18°3178 $9^m.3$
240	73.41	9.0	50.75 (½)	31.4 (½)	79 29	
118	70.47	9.1	22 50.84	19 32 6.0	282 4	
220	71.47	9.1	50.82	5.4	77 58	
18	69.50	8-9	22 53.34	18 43 12.2	281 16	
20	51	h.8-9	53.28	13.4	78 46	
R.16	69.38	—	22 58.71 (0.3)	17 2 5.7 (½)	279 30	3 F.
19	50	s.8-9 ·· h.9	58.63	6.3	279 34	
21	51	h.9	58.60	6.7	80 26	

[1] sehr unruhig und schwankend

[2] 15°2992 $9^m.4$±

[3] 9^m s. l. (19°3101 ?).

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16^h			
116	70.45	9.0	23^m 4.43	17° 12′ 12.4	279° 44′	
214	71.39	8.9	4.38	11.5	80 20	
17	69.50	h. 7-8	23 6.74	19 17 49.1	281 50	
22	52	s. 7	6.74:(½)	47.5	78 12	3 F. —[1]
220	71.47	7.2	6.74	47.1	78 14	
118	70.47	9.3	23 13.05	19 20 15.6 (⅓)	281 52	
220	71.47	9.3	13.05	15.4	78 10	
26	69.53	s. 8	23 17.98	18 16 33.5	* 79 12	
241	73.42	8.3	18.00	33.4 (¼)	280 49	
18	69.50	7-8 u. 8	23 23.09	18 40 36.5	281 12	Dpl. med.
20	51	h.8 u. h.8-9	23.04	37.7	78 48	» »
R.20	69.50	9.2	23 40.05	15 58 12.6	*278 30	
115	70.43	9.1	40.03	12.3	278 30	
237	72.48	9.2	39.98	12.3	81 32	
240	73.42	9.1	39.87	10.8	81 34	
19	69.50	8-9	23 54.13	17 44 52.5	280 16	
21	51	h. 9	54.20	52.6	79 44	
119	70.48	9.1	23 55.77	16 51 57.6	279 24	
237	72.48	9.1	55.88	58.6	80 38	
240	73.41	8.8	55.83	59.1	80 40	
26	69.53	7-8	24 27.81	15 24 5.4	82 4	
114	70.43	7.3	27.76	7.2	277 56	
R.16	69.38	—	24 55.12 (0.4)	16 59 4.6 (¼)	279 26	
19	50	s.8-9 .. h.9	55.21	5.2	279 30	
21	51	h. 9	55.16	5.6	80 30	
18	69.50	7-8	25 9.39	18 54 20.9	*281 26	
20	51	h. 7-8	9.49	21.8	* 78 34	18°3190 s.9^m
R.20	69.50	8.7	25 36.26	15 8 2.6	277 40	
26	53	9	36.26	2.3	82 20	
114	70.43	8.7	36.23	3.4	277 40	
115	70.43	7.9	25 45.17	16 41 35.5	279 14	
119	48	7.4	45.17	33.8	279 12	
214	71.39	7.5	45.20	34.6	80 50	
115	70.43	8.6	25 46.76	16 39 59.7	279 12	
119	48	8.6	46.67	58.9	279 12	
214	71.39	8.7	46.73	59.6	80 52	
17	69.50	8-9	25 48.63	19 33 26.0	282 6	
22	52	8-9	48.63	26.6	77 56	
19	69.50	8 .. s.8	25 49.20	17 46 14.0	280 18	
21	51	8	49.22	13.2	79 44	
114	70.43	9.3	25 51.74	15 43 12.9	278 14	
215	71.40	9.3	51.79	14.2	81 48	
19	69.50	9	25 53.04	17 28 40.0	280 0	
21	51	s. 9	53.07	39.2	80 0	
17	69.50	9-10	26 13.36	19 34 46.1	282 6	
22	52	s. 9	13.45 (½)	—	77 54	3 F.
116	70.46	9.3	26 23.89	17 34 55.2	280 6	
118	47	9.3	23.93	54.6 (½)	280 7	
214	71.39	9.3	23.95	53.5 (⅓)	79 56	
R.16	69.38	—	26 49.06 (0.4)	14 53 41.2 (¼)	*277 22	
116	70.46	9.0	49.06	41.5	277 26	
220	71.47	9.0	49.12	42.5	82 36	
19	69.50	h. 7-8	26 52.77	17 6 53.0	279 38	
21	51	7-8	52.77	52.1	80 22	
R.20	69.50	9.2	26 56.67	15 49 26.1	278 22	
114	70.43	9.3	56.70	26.8	278 20	
215	71.40	9.1 gz. zfl.	56.60	25.8	81 42	
115	70.43	9.4	27 23.84 (⅓)	16 48 38.9	279 20	1 F.
119	48	9.3	23.72 (⅔)	37.7 (⅔)	279 20	
220	71.47	9.3	23.75	37.5	80 42	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16^h			
17	69.50	s. 8-9	27^m 28.19	18° 59′ 42.2	281° 32′	
22	52	9	28.16	41.5	78 30	
18	69.50	s. 9	27 30.20	18 52 7.3	281 24	
20	51	s. 9	30.24	7.3	78 36	18°3190 9^m
26	69.53	h. 9	27 37.50	15 24 9.4	82 4	
114	70.43	8.6	37.47	11.7	277 56	
18	69.50	h. 8	27 56.37	18 5 39.1	**280 38	
20	51	h. 8 .. s. 7-8	56.37	40.2	**79 24	
17	69.49	8-9	28 4.18	19 8 0.7	281 40	
220	71.47	9.2	4.11	0.8	78 24	
R.20	69.50	9.1	28 24.55	15 15 56.3	277 48	
114	70.43	9.1	24.59	55.3	277 48	
215	71.40	9.1	24.61	57.0	82 16	
116	70.45	9.0	28 26.88	19 16 16.1	281 48	
220	71.47	9.2	26.87	16.5	78 14	
116	70.46	9.3	28 28.52	19 28 22.7	282 0	
118	47	9.3	28.40	23.0 (⅓)	282 0	
237	72.48	9.3	28.32	21.9	78 4	
240	73.41	9.2	28.31	21.6 (⅓)	78 3	
19	69.50	h. 8-9	29 0.39	17 22 42.5	279 54	
21	51	s.8 .. h.8-9	0.45	42.3	80 6	
116	70.46	9.0	29 6.64	17 15 16.4 (¼)	279 46	9^m2 f. 1ˢ; 5′S.
237	72.48	9.0	6.76 (½)	16.4 (½)	80 16	9.3 » 2ˢ 2′5S.
115	70.45	8.7	29 7.61	15 30 26.8	278 2	
215	71.40	8.9	7.67	25.3	82 0	
114	70.43	9.2	29 13.00	15 48 25.0	278 20	
215	71.40	9.1	13.01	24.8	81 42	
240	73.42	9.3	29 37.46	15 18 49.0	82 14	Z.115: 9^m3
R.20	69.50	9.0	29 39.81	15 20 5.3	277 52	
115	70.45	8.8	39.87	5.1	277 52	
240	73.42	9.0	39.76	3.2	82 12	
116	70.46	9.5	29 42.63:(⅓)	19 20 34.6:(⅓)	281 52	
119	47	9.6	42.41:(⅓)	35.5:(⅓)	281 52	
220	71.47	10	42.36	34.7	78 10	
237	72.48	9.5	42.45	31.0::(⅓)	78 10	
240	73.42	9.4	42.54	35.5	78 12	
114	70.43	9.0	29 43.17	15 47 50.0	278 20	
215	71.40	9.0	43.18	49.5	81 44	s. unr. u. zfl.
119	70.48	6.2	29 50.11	17 18 58.1 (½)	279 50	
237	72.48	7.0	50.15	59.3	80 12	
19	69.50	s. 7	29 50.21	17 21 36.4	279 54	Z.119: s.7^m
21	51	h. 7-8	50.27	36.0	80 8	» 237: 7^m2
17	69.50	s. 8	29 56.03	19 12 57.1	281 44	
22	52	8	56.10	55.8	78 16	
19	69.50	s. 9	30 7.17	17 1 35.0	279 34	
21	51	9-10	7.13	[38 ±]	80 28	
115	70.45	7.9	30 18.73	16 47 52.1 (½)	279 20	
240	73.41	8.0	18.71	50.9	80 44	
17	69.49	9-10	30 30.46	19 41 53.7	282 14	
220	71.47	9.4	30.49	51.8	77 50	19°3129 9^m4
19	69.50	s. 7-8	30 33.04	17 43 42.1	280 16	
21	51	7-8	33.01	43.1	79 46	
R.20	69.50	8.7	30 41.85	15 48 23.7	278 20	
114	70.43	8.7	41.68	22.2	278 20	
215	71.40	8.7	41.74	24.3	81 42	
26	69.53	7	31 2.39	15 45 13.1	81 44	
114	70.43	7.0	2.33	13.0	278 16	
116	70.46	9.5	31 31.43:(⅔)	17 47 6.3::(⅓)	280 18	
119	47	9.7	31.29	8.1	280 18	leidlich
220	71.47	10	31.34	6.8	79 44	

[1] An den Fäden nur geahnt: Hgl. −0.085 ang.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16ʰ			
R.20	69.50	—	31ᵐ36ˢ.53	15° 57′ 55″.5	278° 30′	
114	70.43	8.0	36.49 (½)	55.2	278 30	
215	71.40	7.9	36.54	55.1	81 32	
115	70.45	8.6	32 4.06	16 53 6.4	279 24	
237	72.48	8.7	4.03 (½)	6.1 (½)	80 38	
240	73.42	8.4	4.01	4.9	80 38	
18	69.50	s.9	32 5.55	18 32 42.1	281 4	
20	51	9-10	5.61	43.1	78 56	
17	69.50	7-8	32 15.82	19 48 34.4	282 20	
22	52	h. 7-8	15.68	33.0	77 38	
116	70.45	9.1	32 26.78 (½)	19 22 50.6 (½)	281 54	
220	71.47	9.3	26.70	51.2	78 8	
18	69.50	8	32 28.75	18 0 11.2	280 32	
20	51	h. 8	28.74	11.4	79 28	eilig
26	69.53	8	32 39.31	15 2 41.4	82 26	
114	70.43	8.1	39.30	41.7	277 34	
215	71.40	7	39.40	42.8	82 28	
115	70.45	8.6	32 —	16 15 38.2	278 48	
118	47	8.9	50.79 (2)	37.4	278 48	
215	71.40	8.5	50.80	38.3	81 14	
R.20	69.50	9.0	32 58.97	15 2 58.4	277 34	15°3034 9ᵐ.4
114	70.43	9.2	58.84	58.3	277 34	
215	71.40	9.1	58.90	57.4	82 28	
115	70.45	8.3	33 4.43	16 28 4.0	279 0	
237	72.48	8.3	4.44	4.6	81 4	
240	73.42	8.4	4.43	4.2 (½)	81 5	
17	69.50	8	33 9.34	19 52 11.1	282 21	
22	52	8	9.30 (½)	9.9	77 36	
19	69.50	h. 9	33 18.56	17 32 24.6	280 4	
220	71.47	8.7	18.45	24.6	79 58	
26	69.53	s. 9	33 33.00	15 18 25.0	* 82 10	
114	70.43	9.1	32.92	25.8	277 50	
18	69.50	9	33 52.58	18 26 26.0	280 58	
20	51	9	52.64 (½)	25.5	79 2	2 F.
19	69.50	h. 8	34 17.20	17 4 19.8	279 36	
21	51	h. 8	17.16	20.3	80 24	
115	70.45	9.1	34 —	18 45 20.8	281 16	
118	47	9.2	17.46	21.5	281 18	
220	71.47	9.1	17.50	21.6 (½)	78 40	
18	69.50	s. 9	34 23.47	18 29 32.8	281 2	
215	71.40	9.1	23.56	34.0	79 0	
19	69.50	s. 7	34 38.27	17 57 9.6	280 30	
21	51	s. 7	38.29	8.6	79 32	
237	72.48	7.4	38.17	8.3	79 34	
240	73.42	7.1	38.25	7.1	79 36	
17	69.49	s. 8-9	34 40.33	19 48 25.3	282 20	
220	71.47	9.0	40.35	25.2 (½)	77 42	
18	69.50	9	34 41.57	18 26 39.9	280 58	
20	51	8-9	41.46	39.2	79 2	Z.215: 9ᵐ.0
R.20	69.50	9.2	34 42.45	16 9 52.0	278 42	
114	70.43	9.1	42.40	53.1	278 42	
215	71.40	8.9 gr.afl.	42.36	53.2	81 22	
29	69.55	9?	34 45.86 (½)	19 10 17.9	78 18	3 F.
116	70.45	8.6	45.87 (½)	17.1 (½)	281 42	
115	70.45	9.0	34 50.14	18 33 9.6	281 4	
237	72.48	8.7	50.15	10.9	78 58	
240	73.42	8.8	50.15	9.7	79 0	
19	69.50	s. 9	35 1.82	17 52 47.2	280 24	
21	51	9-10	1.95:: (½)	46.2 (½)	79 36	dkl. Feld

Zone	Ep.	Grösse	RA 1875	Decl 1875	Theilstr.	Bemerkungen
			16ʰ			
115	70.45	9.1	35ᵐ	18° 12′ 27″.3	280° 44′	18°3214 9ᵐ.1
118	47	9.1	6ˢ.21	28.0	280 44	" 9
215	71.40	9.0	6.25	28.5	79 18	" 8.8
19	69.50	h. 9	35 34.06	17 28 54.8	280 0	
21	51	h. 8-9	34.12	53.9	80 0	
25	69.53	h. 8	35 43.95	16 20 59.1	81 8	
114	70.43	8.2	43.95	21 0.6	278 52	
17	69.50	s. 9	35 48.71	19 28 38.1	282 0	
22	52	9	48.67	38.4	78 0	
R.20	69.50	8.0	36 0.99	16 11 37.0	278 44	
27	54	s. 8	1.16	35.5	81 18	
115	70.45	7.7	0.95	36.9	278 44	
17	69.50	s. 9	36 2.15	19 26 26.4	281 58	
22	52	s. 9	2.28	26.4	78 2	
29	69.55	7-8?	36 3.10	19 9 44.0	78 20	
115	70.45	7.2	3.03	44.4	281 42	
19	69.50	s. 8-9	36 10.76	17 33 54.9	280 6	
21	51	h. 9	10.80	55.6	79 56	
27	69.53	9	36 21.67	15 52 5.2	81 38	
114	70.43	8.6	21.58 (½)	6.0	278 24	
18	69.50	h. 8	36 22.32	18 52 6.6	281 24	
20	51	h.8—s.8	22.41	7.5	78 36	
18	69.50	8	36 51.34	18 44 19.1	*281 16	
20	51	8	51.52	20.6	* 78 44	18°3223 9ᵐ
19	69.50	s. 8	37 1.25	17 21 41.9	279 54	
21	51	h. 8-9	1.35	41.7	80 8	
R.20	69.50	7.5	37 17.14	15 53 33.1	278 26	
26	53	h. 8	17.14	32.5	81 36	
114	70.43	7.9	17.10	34.0 (½)	278 26	
26	69.53	(9-10)?	37 27.08 (½)	15 50	81 —	2 F.
29	55	8-9	27.12	50.1	81 38	
114	70.43	8.6	27.04	50.1	278 22	
241	73.42	8.4	27.09	49.7	278 22	
29	69.55	8	37 29.24	15 2 57.5	82 26	
114	70.43	8.3	29.27	57.9	277 34	
237	72.48	8.4	29.18	57.8	82 28	
241	73.42	8.2	29.27	3 0.1	277 34	
26	69.53	—	37 48.19 (½)	15 44 —	81 —	2 F.
27	53	8—s.8	48.22	10.8	81 44	
114	70.43	8.3	48.21	10.0	278 16	
26	69.53	9	38 1.41	15 45 49.9	81 42	
114	70.43	8.5	1.45	50.5	278 18	
R.20	69.50	8.9	38 12.34	16 42 22.9	279 14	
25	53	s. 9	12.27	21.7	80 46	
115	70.45	9.0	12.38	23.3	279 14	
116	70.45	8.3	38 22.40 (½)	20 4 11.4 (½)	282 36	
237	72.48	8.5	22.39	13.2	77 28	
240	73.42	8.7	22.45	12.7	77 28	
17	69.50	8-9	38 35.02	19 25 6.0	281 56	
22	52	8-9	34.98	5.8	78 4	
18	69.50	h. 8	38 55.08	18 48 12.1	*281 20	
20	51	h. 8	55.11	12.7	* 78 40	
25	69.53	9-10	39 8.08 (½)	16 19 1.16 (½)	81 10	
115	70.43	9.3	8.30	1.7	278 50	
19	69.50	8	39 9.11	17 10 33.6	*279 48	
21	51	8	9.07	33.1	* 80 12	
237	72.48	8.4	8.96	32.8	80 16	
240	73.42	8.7	9.09	31.5	80 16	
17	69.50	9	39 30.12	19 30 39.7	282 2	
22	52	9	30.12	39.9	77 58	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16ʰ			
R.20	69.50	6.0	39ᵐ42ˢ.92	15°58′40″.4	*278°30′	
25	53	s.6	42.97	40.5 *	81 30	* vielleicht 38″.5
114	70.43	5.9	42.84	38.8 (½)	278 30	
17	69.50	8.9	39 51.10	19 44 37.6	282 16	
22	52	8.9	51.09	38.6	77 14	
25	69.53	9-s.9	39 51.45	16 30 38.9	* 80 58	
115	70.43	8.5	—	39.5	279 2	
118	47	9.0	51.51 (½)	41.1 (½)	279 3	
29	69.55	s.9-h.9-10	39 54.65	16 49 44.8	**80 40	
115	70.43	9.2	—	44.8	279 22	
118	47	9.2	54.75	45.3	279 22	
17	69.50	s.8	40 17.32	19 52 13.9	282 24	
22	52	8	17.35	12.9	77 36	
26	69.53	9	40 23.05	15 35 32.5	81 54	
114	70.43	8.2	23.06	33.7	278 8	
27	69.53	8-9	40 42.25	18 4 0.7	79 24	
116	70.46	8.1	42.17 (2)	2.0	280 36	
19	69.50	9	41 —	17 54 38.7	280 26	
21	51	9	2.68	38.5	79 34	
115	70.45	9.1	2.63	38.5	280 26	
118	47	9.1	2.59	39.6	280 26	
R.20	69.50	8.7	41 10.62	15 57 3.3	278 28	
27	53	8.9	10.63	3.3	81 32	
114	70.43	9.1	10.59	4.3	278 28	
18	69.50	h.8-s.8-9	41 21.19	18 10 33.4	280 42	
20	51	h.8	21.23	32.1	79 18	
27	69.53	9-10	41 30.07	18 36 7.1	* 78 52	
116	70.46	9.1	30.16 (½)	6.1 (½)	281 8	
18	69.50	h.8-9	41 34.04	18 9 45.5	280 42	
20	51	8	34.02	44.7	79 20	
239	73.41	9.0	41 35.15	16 3 29.1	81 28	
R.20	69.50	9.1	42 12.50	15 58 57.3	*278 30	
25	53	s.9-h.9-10	12.40	55.4	81 30	
114	70.43	9.2	12.49	56.4	278 30	
239	73.41	8.9	12.56	55.3	81 32	
18	69.50	9	42 15.35	18 5 41.8	280 38	
20	51	9	15.36 (½)	42.5 (½)	79 24	uns., dkl. F.
237	72.48	9.2	15.34	42.9	79 26	
240	73.42	9.1	15.42 (½)	41.8 (½)	79 27	
17	69.50	s.7-8	42 31.42	19 19 27.8	281 52	
22	52	s.7-8	31.41	26.2	78 10	
19	69.50	s.7	42 —	17 21 17.7	279 52	
21	51	h.7-8	49.37	17.4	80 8	
115	70.45	7.2	—	17.5	279 52	
118	47	7.6	49.30	17.0	279 52	äuss. schwkd.
19	69.50	h.9	42 —	17 12 34.1	279 44	
21	51	s.8-9	53.43	33.9	80 16	
115	70.45	9	—	34.2 (½)	279 44	
118	47	8.9	53.50	34.1	279 44	
25	69.53	9	43 9.20	16 35 27.5	80 54	
114	70.43	9.1	9.38	27.3	279 6	
18	69.50	7	43 11.37	18 32 20.3	281 4	
20	51	7-8	11.44	20.0	78 56	
237	72.48	7.3	11.46	21.0	79 0	
240	73.42	[8.3*]	11.36	21.3	79 0	* Bem. [1]
19	69.50	9	43 —	17 17 25.8	279 50	
21	51	9	17.53	26.2	80 12	
115	70.45	9.0	—	24.8	279 48	
118	47	8.8	17.51	27.3	279 48	17°3099 9ᵐ.1

[1] erst heller geschätzt, aber bestimmt nicht 7ᵐ.3

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16ʰ			
17	69.50	7-8	43ᵐ45ˢ.36	19°30′48″.5	282° 2′	
22	52	7-8	45.32	47.2	77 58	
19	69.50	s.9	43 —	17 25 45.2 (½)	279 58	
21	51	h.9-10	53.76 (½)	44.9	80 4	
115	70.45	9.2	53.81	44.6	279 58	
R.20	69.50	9.1	43 58.75	15 29 13.4	*278 0	
26	53	9-10	58.55 (½)	15.0	82 0	3 F.
114	70.43	9.2	58.62	14.0	278 0	
26	69.53	7-8	44 17.41	15 35 42.7	81 54	
34	57	7	17.37	42.6	**278 8	
237	72.48	7.1	17.43	42.1	81 56	
240	73.42	7.5	17.37	42.4	81 56	
25	69.53	8	44 29.74	16 42 44.7	80 40	
116	70.45	7.9	29.66	45.9	279 14	
17	69.50	h.8-9	44 36.18	19 7 12.9	281 38	
22	52	s.8	36.26	12.5	78 22	
29	69.55	8.9	44 36.48	19 33 44.7	77 56	
116	70.45	8.1	36.45	44.4	282 6	
18	69.50	8	44 51.46	18 35 51.0	281 8	
20	51	h.8-9	51.51	50.1	78 52	
27	69.53	s.9	45 2.47	16 56 20.0	80 32	
115	70.43	9.0	2.66	20.2	279 28	
26	69.53	8.9	45 10.22	15 3 19.6	82 26	
114	70.43	9.1	10.21	21.2	277 34	
29	69.55	h.9	45 11.75	17 48 3.6	79 42	
118	70.47	8.6	11.72	3.4	280 20	
116	70.45	9.2	45 30.23	18 58 2.1	281 30	
237	72.48	9.2	30.22	1.3	78 34	
240	73.42	9.0	30.31	2.1	78 34	
27	69.54	s.7-8	45 33.13	16 0 30.7	* 81 28	
33	56	h.7-8	33.24	30.6	*278 32	
18	69.50	h.7	45 35.99	18 17 28.4	280 50	
20	51	7	36.02	27.0	79 12	
22	69.52	8	45 53.64	19 31 41.4	77 58	
118	70.47	8.6	53.71	42.7	282 4	
119	48	8.0	53.53	42.6	282 4	
22	69.52	s.9	45 56.61	16 16 0.4	* 78 14	
118	70.47	9.2	56.65	0.2	281 48	
237	72.48	8.1*	46 12.53	15 9 13.8	82 22	* schw. röthl.
239	73.41	6.7	12.35 (½)	12.9 (½)	82 23	
240	42	7.5	12.42	13.2	82 22	
241	42	7.5	12.34	13.3 (½)	277 41	
29	69.55	s.9	46 28.31	17 15 29.6	80 14	
116	70.45	9.0	28.40	29.5	279 48	
26	69.53	s.9	46 39.43	15 52 2.1	81 36	
114	70.43	9.0	39.53	2.4	278 24	
116	70.46	9.2	46 41.25	17 46 34.9	280 18	
237	72.48	9.3	41.16	35.7	79 44	Bem. [2]
18	69.50	h.9-10	47 8.06	18 25 22.0	280 56	
20	51	9-10	8.05	[27 ±]	79 4	
18	69.50	s.6-7	47 9.03	18 16 22.0	280 48	
20	51	s.6	9.05	21.3	79 12	
26	69.53	h.9	47 9.40	15 49 18.3	81 40	
114	70.43	9.0	9.43	18.9	278 20	
118	70.47	9.3	47 12.95	20 3 23.0	282 34	
237	72.48	9.2	12.95	21.6	77 28	
240	73.42	9.3	13.15	21.1	77 28	

* Nr. 6041: 49 Herculis, Fund.-St.

[2] 9ᵐ.6 f. 10ˢ: 0′.5 N.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16h			
116	70.45	8.0	47m22s.42	15° 5' 37".6	277° 36'	
222	71.59	8.4	22.39	37.4	82 20	
27	69.53	9	47 29.32	16 2 12.7	* 81 20	
115	70.45	8.6	29.28	13.0	278 34	
34	69.57	h. 8	47 41.19	15 36 56.6	278 8	
222	71.59	8.2	41.11	54.3	81 54	
29	69.55	9-10	47 41.75	17 25 15.9	80 4	
118	70.47	9.2	41.87	17.1	279 56	
119	48	9.1	41.81	16.1	279 56	
34	69.57	s. 8	47 58.84	15 20 31.1	277 52	Z. 115: 8m.0
237	72.48	8.0	58.99	30.7	82 10	
240	73.42	8.0	58.93	33.0	82 10	
26	69.53	9	48 7.13	15 17 11.4	82 12	
115	70.45	8.7	7.12	11.9	277 48	Z. 237: 8m.4
18	69.50	9	48 30.62	18 31 12.0	281 2	
20	51	9	30.66	12.3	78 58	
34	69.57	s. 7 *	48 31.02	15 40 45.3	*278 22	* röthlich
222	71.59	7.6	30.88	44.7	81 42	
26	69.53	s. 9	48 38.07	15 33 56.2	81 56	
114	70.43	9.1	38.14 (½)	55.6	278 6	
29	69.55	h. 9-10	48 47.40	17 2 34.4	* 80 26	
116	70.45	9.2	47.51	36.2	279 34	
18	69.50	s. 8 -- h. 8-9	48 55.33	18 56 52.4	281 28	
20	51	h. 8	55.32	53.9	78 32	
22	69.52	h. 9	49 2.15	19 18 13.5	78 12	
116	70.46	9.0	2.20	12.4	281 50	
27	69.54	s. 8-9	49 11.66	16 30 35.8	80 52	
33	56	8-9	11.59	36.3	279 8	
239	73.41	9.4	49 13.04	15 12 7.8	82 20	Bem. [1]
27	69.54	s. 8	49 13.86	16 31 18.6	80 58	
33	56	s. 8	13.86	18.9	279 2	
21	69.51	s. 8	49 24.01	17 7 1.9	80 22	
115	70.45	8.6	23.92	1.7	279 38	17°3118 9m.2
115	70.45	8.8	49 48.86 (½)	14 50 55.1	277 22	2 F.
116	48	8.6	48.85	55.3	277 22	
222	71.59	9.0 *	48.66	54.7	82 40	* äuss. schw. [2]
18	69.50	s. 4-5	49 52.68	18 38 2.5	281 10	
20	51	s. 4-5	52.69	3.4	78 50	
237	72.48	5.9 *	52.54	2.0	78 54	* orange
240	73.42	5.5 *	52.57	3.8	78 54	* schw. orange
18	69.50	s. 8-9	49 55.51	18 17 21.5	280 50	
20	51	s. 8	55.48	20.2	79 12	
237	72.48	8.7	55.51	19.8	79 14	
240	73.42	8.8	55.44	20.1	79 14	
21	69.51	8-9	50 13.43	17 36 14.7	* 79 54	
116	70.45	8.5	13.45 (½)	14.6 (½)	280 8	
27	69.54	9	50 23.04	16 34 19.4	80 54	
33	56	s. 8-9	23.00	20.1	279 6	
26	69.53	6-7	50 29.92	15 34 59.0	81 54	
34	57	6	29.88	59.5	278 6	
36	59	6-7	29.90	58.7	278 6	
27	69.54	s. 7	50 45.12	16 29 4.0	81 0	
118	70.47	7.2	45.05	4.9	279 0	
119	47	6.6	45.11	4.4	279 0	
26	69.53	7	51 0.20	15 50 32.0	* 81 38	
114	70.43	8.0	0.13	31.7	278 22	
29	69.55	7-8	51 24.88	14 52 15.7	82 36	
115	70.45	7.1	24.84 (½)	15.3 (½)	277 24	

[1] Identificirung des Sterns zweifelhaft, s. Bem. zum Cat. S. 200 (Nr. 6062)
[2] Hgl. —.089 ang.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16h			
22	69.52	9	51m27s.60	19° 52' 2".3	77° 38'	
118	70.47	9.4	27.49	3.1	282 24	
18	69.50	7-8 -- h. 7-8	51 30.76	18 25 50.5	*280 58	
20	51	h. 8 -- s. 7-8	30.78	51.1	* 79 4	
29	69.55	h. 8-9	51 39.88	14 55 34.0	81 34	14°3152 s.9m
115	70.45	9.0	39.95	35.5 (½)	277 28	
237	72.48	9.1	51 59.29	20 5 37.1	77 26	
240	73.42	9.0	59.33	35.6	77 26	
241	42	9.0	59.37	33.1 (½)	282 37	
27	69.53	s. 9	52 8.65	14 49 56.8	82 40	
115	70.45	9.1	8.82	57.4	277 22	
22	69.52	8-9	52 12.58	19 19 25.2	78 10	
118	70.47	8.7	12.52	24.5	281 50	
27	69.53	h. 9-10	52 23.80	14 51 50.4	82 38	
115	70.45	9.0	23.94	50.7	277 24	
26	69.53	h. 7-8	52 24.35	15 20 47.7	82 8	
114	70.43	7.6	24.27	47.3	277 52	
26	69.53	7 -- s. 7	52 58.60	15 38 29.8	81 50	
114	70.43	7.3	58.53 (½)	30.6 (½)	278 10	
22	69.52	9	53 0.24	19 23 5.5	78 6	
116	70.46	8.8	0.19	4.9	281 54	
21	69.51	s. 9	53 24.20	16 59 57.3	80 30	
119	70.47	9.2	24.06	55.9	279 32	
29	69.55	s. 8	53 25.59	17 43 39.6	79 46	
119	70.47	8.4	25.65	40.0	280 16	
19	69.50	9	53 26.59	17 29 7.6	280 0	
21	51	h. 9	26.65	8.3	80 0	
19	69.50	h. 7-8	53 —	17 52 44.2	280 24	
21	51	7-8	32.21	44.9	79 36	
119	70.47	7.5	32.20	44.6 (½)	280 24	
240	73.42	9.3	53 35.02	19 35 38.4	77 56	etw. uns.
27	69.53	s. 8-9	53 46.06	17 20 50.2	80 8	
118	70.47	8.6	45.99	50.9	279 52	
241	73.42	8.7 (W. ?)	45.94	49.8	279 52	
18	69.50	h. 8	54 0.43	18 44 42.4	281 16	
20	51	h. 8	0.37	42.8	78 44	
22	69.52	s. 9	54 13.51	19 36 20.9	77 52	
116	70.45	9.0	13.40	20.6	282 8	
237	72.48	9.0	13.45	20.3	77 56	
240	73.42	9.1	13.48	19.4	77 56	
118	70.47	9.0	54 17.97	20 1 34.2	282 32	
222	71.59	9.2 *	17.91	31.7	77 30	* äuss. schw.
18	69.50	s. 7	54 19.05	17 59 39.4	280 32	
20	51	h. 7-8 -- s. 7	19.01	40.7	79 30	
18	69.50	s. 9	54 23.82	18 36 50.8	281 8	
20	51	s. 9	23.91:(½)	51.1	78 52	
22	69.52	8	54 34.19	19 46 56.6	77 42	
116	70.46	8.1	34.12	55.5	282 18	
237	72.48	8.4	34.20	55.5	77 44	
240	73.41	8.4	34.18	55.0	77 46	
29	69.55	8-9	54 47.32	17 3 5.3 (½)	80 26	
115	70.45	8.9		5.8	279 34	
119	48	8.6	47.36	5.3	279 34	
26	69.53	h. 8	54 47.84	15 20 30.6	82 8	
114	70.43	8.3	47.84 (½)	29.9 (½)	277 52	
29	69.55	8	54 51.56	18 6 12.5	* 79 22	
116	70.45	7.5	51.46	13.3	280 38	
19	69.50	h. 8-9	54 —	17 6 35.3	279 38	
21	51	h. 8-9	59.26	35.3	80 22	
115	70.45	8.6	—	34.7	279 38	
119	48	8.4	59.24	35.0	279 38	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16h			
27	69.53	7	55m 26.s52	16° 46′ 44.″2	80° 42′	
115	70.43	7.0	26.53	45.2	279 18	
26	69.53	6-7	55 52.10	15 8 1.3	82 20	
114	70.43	6.7	52.08	2.3	277 40	
26	69.53	s. 8-9	55 57.38	15 15 37.1	82 14	
114	70.43	8.7	57.41	36.2	277 48	
22	69.52	9	55 58.99	19 57 20.4	77 32	
116	70.46	8.7	59.00	19.8	282 28	
27	69.53	h.10	56 17.04 (½)	19 55 51.0	77 34	3 F.
116	70.46	9.2	16.99	49.3	282 28	
22	69.52	8 .. s.8	56 33.40	19 14 25.3	78 16	
118	70.47	8.4	33.33	26.2	281 46	schwkd.
26	69.53	9-10	56 41.17	15 56 42.2	81 32	
114	70.43	9.3	41.18	39.9	278 28	
19	69.50	9	56 —	17 5 11.2	279 36	
21	51	s.9	41.39	11.9	80 24	
118	70.47	9.0	41.23	12.6 (½)	279 36	
237	72.48	9.3	56 46.54	20 4 19.3	77 26	
240	73.42	9.2	46.56	18.3	77 28	
241	42	9.2	46.52	18.7	282 36	
18	69.50	h.9	56 47.73	18 47 37.1	281 20	
20	51	h.9	47.73	35.4	78 42	18°3287 9m
27	69.53	7 s. unr.	57 4.64	19 34 4.0	77 56	
119	70.48	—	4.53	2.4	282 6	
223	71.59	7.5	4.49 (½)	3.0 (½)	77 58	
29	69.55	s.9	57 9.42	18 12 15.0	79 16	
118	70.47	9.2	9.57	15.7	280 44	
30	69.55	8	57 12.67	14 50 36.3	82 38	
115	70.45	7.5	12.64	36.5	277 22	
18	69.50	9	57 17.79	18 18 35.4	280 50	
20	51	h.9	17.83	35.6	79 10	
19	69.50	h.9	57 —	17 11 51.3	279 44	
21	51	9	37.21 (½)	51.2	80 18	3 F.
115	70.45	8.9	37.25	50.7	279 44	
222	71.59	9.1 zfl.	37.25	49.8	80 20	
29	69.55	s. 8-9	57 38.74	17 49 49.8	79 40	
116	70.45	8.2	38.78	51.5	280 22	
18	69.50	h.9	57 47.23	18 30 7.5	281 2	
20	51	s.9	47.23	8.2	78 58	
26	69.53	s.9	57 52.57 (⅓)	15 24 28.1	82 4	3 F.
114	70.43	9.2	52.68	29.0	277 56	
30	69.56	s.9	58 0.10 (½)	18 6 5.6	79 24	3 F.
118	70.47	9.1	0.01 (½)	5.2	280 38	2 F.
119	47	9.1	57 59.94	6.2	280 38	
29	69.55	9	58 1.01	17 32 8.8	79 58	
119	70.48	9.0	0.99	8.8	280 4	
237	72.48	9.1	0.90	9.1	79 58	
240	73.41	9.0	0.99	9.0	80 0	
18	69.50	h.8	58 15.37	18 28 33.9	281 0	
20	51	8	15.40	33.3	79 0	
27	69.54	h.8 .. s.7-8	58 17.14	16 12 2.2	81 18	
241	73.42	8.0	17.23 (⅓)	0.7	278 44	3 F.
19	69.50	h.9	58 —	17 22 21.2	279 54	
21	51	9	17.30	21.3	80 8	
115	70.45	8.9	17.32	21.9	279 54	
118	70.47	8.6	58 25.16	19 58 36.0	282 30	
222	71.59	8.8	25.06	34.2	77 32	
27	69.54	6-7	58 26.78	19 51 59.9	77 38	äuss. schwkd.
241	73.42	7.0*	26.78	52 0.8 (½)	282 25	* röthlich

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			16h			
29	69.55	h.9	58m 54.s23	18° 52′ 11.″8	78° 38′	
116	70.45	8.6	54.29	11.4	281 24	
29	69.55	9	59 2.30	15 55 11.9	**81 34	
114	70.43	9.2	2.32	14.0	278 26	
17	69.50	h.7	59 14.92	19 46 24.3	*282 18	
22	52	6	14.93	23.7	* 77 44	
18	69.50	8-9	59 37.48	18 9 19.4 (½)	280 40	
20	51	s.8-9 .. h.9	37.58	18.4	79 20	
27	69.53	h.9	59 42.36	15 2 37.6	82 26	
119	70.48	9.1	42.41	38.6	277 34	
19	69.50	h.8	59 —	16 59 3.3	279 30	Bem. [1]
21	51	8	44.91	2.7	80 30	Bem. [2]
118	70.47	8.6	44.85	2.1	279 30	
18	69.50	9	59 58.50	18 58 4.5 (½)	281 30	
20	51	9 .. s.9	58.48	3.6	78 30	
			17h			
19	69.50	h.9-10	0 —	17 8 18.4	279 40	
21	51	h.9-10	25.97	15.3::(½)	80 20	
115	70.45	9.2	25.87	17.2	279 40	
27	69.53	h.8	0 34.59	16 26 26.3	81 2	
114	70.43	8.0	34.63 (½)	26.1 (½)	278 58	
28	69.55	7-8	0 37.14	15 24 9.0	**82 4	
36	59	7	37.20	8.6	277 56	
118	70.47	9.0	0 41.84	20 7 26.7	282 38	
222	71.59	9.0	41.87 (½)	26.2	77 24	
18	69.50	s.8	0 56.06	18 2 42.8	280 34	
20	51	8	56.12	43.5	79 26	
237	72.48	[8.6 W.]	56.03	44.2	79 28	
240	73.42	8.5	56.08	41.0 (½)	79 28	
19	69.50	s.9	1 —	17 55 16.9*	280 26	* 16.″5 ?
21	51	s.9	20.96	17.5	79 34	
116	70.46	9.2	21.05	17.8	280 28	Z. 237: 9m?
19	69.50	8	1 —	17 57 46.5	280 30	
21	51	8	43.50	46.3	79 32	
33	56	s. 8-9	43.47	45.9	280 30	
115	70.45	8.3	—	46.1	280 30	
237	72.48	8.8 W.	43.50	46.1	79 34	
240	73.42	8.8	43.48	44.9 (½)	79 35	
23	69.52	s.9	1 57.83	17 31 57.4	79 58	
24	53	h.9	—	57.0	79 58	
31	56	8-9	57.79	55.5	280 4	
27	69.53	h.8	2 1.90	15 22 33.8	82 6	
36	59	8	1.95	34.0	277 54	
237	72.48	9.2 W.	2 25.49	18 44 14.6	78 48	
241	73.42	8.9	25.35	13.3:(½)	281 16	
18	69.50	h.9	2 26.33	18 1 5.9	280 32	
20	51	9 .. h.9	26.32	6.3	79 28	
237	72.48	9.2 W.	2 27.69 (½)	18 45 15.5:(½)	78 46	3 F. — [3]
240	73.42	9.7	27.40::(½)	14.4 (½)	78 46	∂ zieml.
241	42	9.4	27.39 (½)	13.0	281 17	
19	69.50	8-9	2 —	17 24 19.4	*279 56	
21	51	8	31.27	19.4	* 80 6	
33	56	s.8	31.16	18.4	*279 56	
F.2	69.45	—	2 39.15	16 15 31.9	278 48	
27	54	7	39.08	30.8	* 81 14	
32	56	7-8	39.11	30.6	278 48	
17	69.50	9	2 52.59	19 20 57.0	281 52	
22	52	9-10	52.54	56.8 (½)	78 8	

[1] 17°3160 9-10m, 3161 9m [2] 17°3160 9-10m 18.″0 v.; 3161 9m
[3] eng. dpl. 280° ??

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
17	69.50	9	$3^m 20^s.81$	19° 50′ 54″.3	*282° 22′	
22	52	h.9-10	20.85	53.9	* 77 38	
26	69.53	s.7	3 21.42	15 7 25.2	* 82 22	
36	59	7 *	21.51	24.3	277 38	* röthlich
23	71.59	7.0	21.38	25.6 (⅓)	82 24	
F.2	69.45	—	3 29.28	16 37 27.5	279 10	
25	53	8	29.15	26.0	80 52	
32	56	s.8-9	29.27	26.5	*279 10	
23	71.59	8.4	29.21	26.6	80 54	
17	69.50	s.9	3 31.41	19 3 8.5	281 34	
22	52	9-10	31.86::(⅓)	7.3	78 26	ganz uns.
18	69.50	h.9	3 39.78	18 21 29.2	280 52	
20	51	9	39.82	28.6	79 8	
24	69.53	9-10	3 —	19 10 36.1	* 78 18	
25	55	9-10	55.89	36.1	* 78 18	schwierig
31	56	h.9-10	56.01	36.8	*281 42	
18	69.50	9-10	4 14.93	18 45 40.6	281 18	dkl. Feld
20	51	9-10	14.80:(⅓)	40.3	78 44	
23	69.52	s.8	4 17.18	18 4 58.5	79 24	
24	53	s.8 .. h.8-9	—	59.7	79 24	
25	53	8 .. h.8	17.13	58.6	79 24	
31	56	s.8	17.18	59.1	280 36	
18	69.50	h.9	4 46.50	18 11 14.6	280 42	
20	51	s.9 .. 9	46.51	12.6	79 18	
F.2	69.45	—	5 16.70	15 4 34.7	277 36	
26	53	s.8	16.74	33.8	82 24	
36	59	8-9	16.68	32.8	*277 36	
19	69.50	9-10 (W.?)	5 —	17 48 41.3	280 20	
21	51	h.9-10	25.38	40.9	79 40	
33	56	9-10	25.44	39.8	280 20	
19	69.50	9	5 —	17 20 24.0	279 52	
21	51	s.9	56.80	23.3	80 8	
33	56	h.9	56.85	24.6	279 52	
27	69.54	8-9	5 57.68	16 33 55.5	80 56	
32	56	8-9	57.71	56.1	279 6	
123	71.59	8.1	57.73 (½)	55.8 (½)	80 58	
F.2	69.45	—	6 1.34	18 7 41.6	280 40	
18	50	8	1.26	42.0	280 40	
20	51	8	1.29	42.0	79 22	
17	69.50	s.9	6 6.92	19 46 16.7	*282 18	
22	52	9-10	7.09::(½)	17.0:(⅓)	* 77 42	
19	69.50	s.9 (W.)	6 —	17 15 59.4	279 48	
21	51	s.9	36.72	57.4	80 14	
33	56	s.9	36.58	57.2	279 48	
F.2	69.45	—	6 53.27	16 39 38.4	279 12	
27	54	9	53.23	37.7	80 50	
32	56	h.9	53.39	37.6	279 12	
26	69.53	8-9	6 55.27	15 32 35.2	81 56	
36	59	9	55.35	33.8	278 4	Bem. [1]
27	69.54	9	7 5.98	16 22 47.0	81 6	
32	56	s.9	6.05	48.3	278 54	
18	69.50	7-8	7 6.91	18 30 22.5	281 2	
20	51	7-8	6.84	23.0	78 58	
223	71.59	7.5	6.93	22.0 (½)	79 0	
19	69.50	h.8-9	7 —	17 23 39.0	279 56	
21	51	s.7-8	8.64	38.3	80 6	
33	56	s.8 .. h.[illegible]	8.61	38.5	279 56	
237	72.48	[9.4W.]	7 11.63 (½)	18 12 40.8 (½)	79 18	
240	73.42	8.7	11.64	40.2 (½)	79 19	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
18	69.50	s.9	$7^m 11^s.73$	18° 18′ 44″.8	*280° 50′	
20	51	9-10	11.72	47.7:(⅓)	* 79 10	fast dkl. Feld
24	53	h.9-10	—	45.9	79 10	
25	53	s.9-10	11.70	45.2	79 10	
31	56	9	11.68	45.7	280 50	
F.2	69.45	—	7 47.40	17 22 28.6	279 54	
19	50	s.8-9	—	28.8	279 54	
21	51	8-9	47.39	28.8	80 8	
33	56	s.8-9	47.46	28.9	279 54	
29	69.55	9	7 57.16	15 39 16.2	81 50	
36	59	9	57.33	16.6	278 10	
24	69.53	h.9-10 .. s.9	8 —	17 49 55.9	79 40	
25	53	s.9	4.64	55.1	79 40	
31	56	s.8	4.66	56.5	280 22	
24	69.53	9-10	8 —	17 25 20.0	80 4	
25	53	s.9	5.70	18.2	80 4	
31	56	s.9	5.65	21.4	279 58	
26	69.53	s.9-10	8 8.81:(⅓)	15 2 22.4:(⅓)	82 26	
114	70.43	9.2	8.92	21.7	277 34	
27	69.54	s.8-9	8 16.50	16 5 52.9	81 24	
32	56	9	16.53	53.4	278 38	9-10ᵐ 6″ 150°
241	73.42	{ 8.5	16.55	55.0	278 38	} Dpl. 4″ 160°
		{ 9.2	16.66	50.6	278 38	
28	69.55	s.9	8 18.96	15 46 34.3	81 42	
114	70.43	9.3	18.85	32.4	278 18	
F.2	69.45	—	8 21.68	16 29 56.8	279 2	
30	56	s.8	21.57	56.6	81 0	
114	70.43	8.5	21.60	56.1	279 2	
30	69.56	9	8 29.58	16 21 22.1	81 8	
32	56	s.9	29.63	23.0	278 54	
29	69.55	9	8 32.59	15 26 3.7	82 4	
36	59	9	32.70	4.5	277 58	
222	71.59	9.2	8 43.09 (½)	19 27 30.4	78 4	3 F.
241	73.42	9.1 spl.	43.11	28.7	282 0	
17	69.50	s.8	8 43.31	19 19 29.5	281 50	
22	52	8	43.31	28.8	78 10	
23	69.52	Wolk.	8 44.01 (½)	17 13 53.7	80 16	2 F.
24	53	8	—	53.2	80 16	
25	53	8	43.99	52.7	80 16	
31	56	8	43.98	53.9	279 46	
29	69.55	9	8 57.56	15 27 20.7	82 2	
34	57	9	57.71	21.3	277 58	
115	70.45	9.1	9 5.06	20 4 41.1	282 36	
240	73.41	9.1 sic	5.08	39.8	77 28	
28	69.55	h.9	9 20.03	17 47 17.2	79 42	
33	56	h.9	20.01	18.1	280 18	
F.2	69.45	—	9 23.02	15 32 26.4	278 4	
29	55	h.8-9	23.03	26.4	81 56	
36	59	h.8-9	23.13	24.8	278 4	
17	69.50	6-7	9 32.38	19 49 58.8	**282 22	
22	52	7	32.52	57.6	**77 40	
28	69.55	7	9 36.53	17 56 42.7	79 32	
31	56	7-8	36.53	41.8	280 28	
33	56	7-8	36.58	42.6	280 28	Z.116: 7ᵐ
29	69.55	s.8	9 45.23	15 3 17.8	82 26	
34	57	8-9	45.28	17.4	277 34	
115	70.45	8.6	9 52.05	14 52 22.0	277 24	
222	71.59	8.5	52.10	21.0	82 38	
23	69.52	[8 ±]	10 2.82 (½)	17 58 24.3	79 30	Wolken, 3 F.
24	53	h.7-8	—	24.5	79 30	
25	53	7-8	2.82	24.6	79 30	Z.31: 7-8ᵐ
116	70.46	7.9	2.77	25.0	280 30	

[1] kaum sichtbar (Hgl. —ˢ.089 ang.)

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17h			
F.2	69.45	—	10m21s.61	17° 1′48″.8	279°34′	
28	55	s. 8-9	21.63	47.9	80 28	
33	56	8-9 .. h.8-9	21.72	47.5	*279 34	
18	69.50	s.9 .. h.9-10	10 25.21	18 46 27.2	281 18	
20	51	h. 9-10	25.21	28.4	78 42	
24	69.53	8	10 —	17 21 20.4	80 8	
25	53	h. 8-9	30.79	19.8	80 8	
31	56	8-9	30.71	19.5	279 52	
30	69.56	8-9	10 33.53	16 32 4.8	80 58	
32	56	8-9	33.60	5.7	279 4	
30	69.56	8	10 45.46	16 48 3.4	80 42	
32	56	8	45.51	4.6	279 20	
18	69.50	s. 7	11 0.48	18 9 34.4	*280 42	
20	51	7	0.46	35.1	* 79 20	
224	71.60	7.2	0.43	34.7 (½)	79 22	
225	60	7.5	0.41	34.9	280 42	
F.2	69.45	—	11 21.31	15 57 36.7	278 30	
30	56	h. 8	21.35	33.4	* 81 32	
36	59	7	21.39	32.3	278 30	
29	69.55	h. 8-9	11 23.43	15 24 35.0 (½)	82 4	
34	57	8-9	23.45	35.7	277 56	
240	73.42	8.6	23.46	37.4	82 8	
241	42	8.4	23.55	34.7	277 56	
36	69.59	s. 8	11 23.70	14 49 5.4	*277 20	
222	71.59	7.9	23.80 (½)	6.3 (½)	82 42	
29	69.55	s. 8	11 37.18	15 19 8.0	82 10	
34	57	s. 8	37.21	7.2	*277 50	
241	73.42	8.4	37.19	6.5	277 50	
28	69.55	s. 8	11 43.40	16 56 51.9	80 32	
32	56	8-9	43.46	52.9	279 28	
25	69.53	9 .. s.9	12 22.21	16 15 54.0	81 14	
33	56	s. 8-9	22.20	54.3	278 48	
240	73.42	8.9 zfl.	22.30	52.5	81 16	
F.2	69.45	—	12 24.86	17 15 38.7	279 48	
23	52	s. 7 W.	24.80	36.4	80 14	
24	53	7	—	36.7	80 14	
31	56	h. 7-8	24.84	36.5	279 48	
23	69.52	s. 7	12 31.91	17 27 11.5	80 2	
24	53	s. 7	—	11.9	80 2	
31	56	s. 7	32.00	12.4	279 58	
225	71.60	6.0	31.94	10.6	280 0	
28	69.55	8 .. s.8	13 2.15	15 0 56.6	82 28	
34	57	s. 8	2.15	58.0	277 32	
27	69.54	s. 8	13 3.84	16 25 1.6	81 4	
32	56	s. 8	3.75	1.9	278 56	
223	71.59	7.8	3.73	1.7	81 6	
F.2	69.45	—	13 20.32	18 5 38.7	280 38	
18	50	8-9	20.28	37.9	289 38	
20	51	h. 8-9	20.27	38.8	79 24	
240	73.42	8.6	20.40	37.0	79 26	
26	69.53	9-10	13 20.85	15 22 29.6	82 6	
34	57	9	20.89	31.5	277 54	
241	73.42	8.9	20.90	30.2	277 54	
23	69.52	9-10	13 27.30::(½)	17 40 29.9::(½)	79 48	dkl. Feld
24	53	h.9 .. s.8-9	—	30.2	79 48	
25	53	9	27.28	30.2	79 50	
31	56	h. 9	27.28	30.1	280 12	
27	69.54	9-10	13 40.46	16 31 50.9	80 58	
32	56	s. 9	40.52	51.0	279 4	
29	69.55	8-9	13 45.93	16 14 56.0	81 14	
33	56	8-9	45.93	56.6	278 46	
224	71.60	8.2	45.89 (½)	56.8 (½)	81 16	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17h			
17	69.50	—	13m49s.69	19°57′16″.7	282°28′	
22	52	s. 9	49.87	16.7	77 32	
18	69.50	h. 9	13 50.52	18 44 30.3	281 16	
20	51	h.9 .. s.8-9	50.50	31.0	78 44	18°33′46.9″
240	73.42	9.1	13 52.10	18 8 48.2 (½)	79 23	
241	42	[9.5 W.]	52.46:(½)	52.3:(½)	280 40	Bem. [1]
17	69.50	7	14 7.60	19 29 38.3	282 0	
22	52	7-8 .. h.7-8	7.59	39.1	78 0	
223	71.59	7.0	7.49	40.1	78 2	
225	60	7.7	7.56	40.0	282 2	
28	69.55	h. 8	14 8.79	19 24 18.1	78 6	
35	58	8	8.82	—	281 56	
36	59	h. 8	8.79	19.1	**281 56	
114	70.43	8.2	8.79	18.6	281 56	
F.2	69.45	—	14 23.54	16 0 51.2	278 32	
29	55	h. 7-8	23.48	51.1	81 28	
33	56	h. 7-8	23.58	50.6	278 32	
225	71.60	7.4	23.44	51.6	278 32	
23	69.52	9	14 33.63::(½)	17 27 12.1::(½)	80 2	dkl. Feld, 3 F.
24	53	h. 9	—	10.6	80 2	
25	53	s. 8-9	33.49	11.2	80 2	
31	56	h. 9	33.41	10.9	279 58	
27	69.54	s. 9-10	14 39.71:(½)	16 23 41.0::(½)	81 6	2 F.
30	55	s. 9	39.91	41.2	81 6	
32	56	s. 9	39.95	40.6	278 56	
29	69.55	h. 9-10	14 41.93	15 39 51.8	81 50	
34	57	s. 9	41.89	51.5	278 12	
18	69.50	h.9 .. s.8-9	14 45.05	18 30 43.4	281 2	
20	51	h. 9	45.01	44.0	78 58	
25	69.53	s. 9	14 45.02	19 20 33.6	78 10	
35	58	9	45.08	34.2	281 52	
30	69.56	s. 8	14 48.40	16 13 38.6	81 16	
33	56	s. 7-8	48.38	39.1	278 46	
18	69.50	s. 5-6	14 48.40	18 11 13.1	280 42	
20	51	h. 5	48.46	14.6	79 18	eilig
224	71.60	5.2*	48.41	13.7 (½)	79 20	schwkd. — [1]
225	60	5.2*	48.38	14.7	280 42	* tief orange
30	69.56	8	14 52.03	16 7 32.1 (½)	81 22	
35	58	8	52.00	31.7	278 40	
224	71.60	7.8	52.00	31.7	81 24	
F.2	69.45	—	14 56.76	15 17 17.9	277 48	
26	53	h. 7-8	56.65	18.2	82 12	
114	70.43	7.1	56.66 (½)	17.1 (½)	277 48	
23	69.52	8	15 12.12	17 10 1.7	80 20	
24	53	8	—	1.3	* 80 20	
31	56	s. 8	12.20	1.5	279 42	
17	69.50	s. 9	15 15.16	19 56 1.4	282 28	
22	52	h. 9-10	15.14	—	77 —	
28	69.55	8-9	15 42.47	15 45 3.7	81 44	
34	57	9	42.52	3.1	278 16	
F.2	69.45	s. schw.	15 54.90 (½)	16 2 55.7	278 34	
29	55	9 .. h.9	54.88	55.0	**81 26	
32	56	9	54.89	55.2	278 34	
27	69.54	7	15 58.97	16 51 23.0	80 38	
32	56	6-7	59.01	23.8	279 22	
223	71.59	6.0	58.93	22.5	80 40	
225	60	6.3	58.95	23.0	279 22	
17	69.50	8-9	16 16.87	19 48 52.0	282 20	
22	52	s. 8-9	16.89	52.8	77 40	

[1] Diese Beob. wohl verfehlt wegen Schwäche des Sterns. [2] * tief orange

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17h			
17	69.50	s. 7-8	16m36s.03	19°52′51″.7	282° 24′	
22	52	8	36.01	52.2	77 30	
224	71.60	8.0	35.97	51.6 (½)	77 38	
30	69.55	8-9	16 42.43	14 54 18.3	82 34	
36	59	s. 8	42.30	18.5	277 26	
241	73.42	[wie 9.1]	[42.53]	17.9	277 26	Fld. st. s. schl.
26	69.53	s. 7-8	16 46.03	15 15 28.0	82 14	
34	57	h. 7-8	46.01	30.0	277 40	
223	71.59	7.8	46.08	29.4	82 16	
225	60	7-9	46.08	29.1	277 48	
27	69.54	s. 8-9	16 59.13	16 23 37.6	81 6	
33	56	8-9	59.17	36.3	··278 50	
25	69.53	9	17 2.13	19 45 36.5	77 44	
35	58	s. 9	2.17	36.8	282 18	
18	69.50	9	17 14.07	17 59 1.5	280 30	
20	51	9	13.99	0.8	79 30	
27	69.54	h. 9	17 17.21	16 34 59.3	80 54	
32	56	s. 8-9	17.29	58.8	279 6	Bem.[1]
241	73.42	[wie 9.2]	[17.53::]	57.0	279 6	
F 2	69.45	—	17 24.69	15 1 7.4	277 32	
26	53	s. 8-9	24.80	7.9	82 28	
34	57	h. 8-9	24.80	7.1	·277 32	
223	71.59	8.4	24.90 (½)	7.0 (½)	82 30	
17	69.50	h. 9	17 37.92	19 32 57.6	282 4	
22	52	9	37.81	58.5	77 56	
28	55	8(:)	37.77	58.5	77 56	
30	69.55	8-9 .. s. 8-9	17 45.00	14 52 59.8	82 36	
36	59	s. 8	44.97	58.8	277 26	
223	71.59	8.2	44.97	53 0.5	82 38	
23	69.52	9	17 50.89	16 59 43.4	80 30	
24	53	8-9	—	43.1	80 30	
31	56	9	50.76	43.4	279 32	
225	71.60	8.5	50.85	43.7	279 32	
F 2	69.45	—	17 56.23	17 1 17.4	279 32	
23	52	8	56.13	18.1	80 28	
24	53	h. 7-8	—	18.9	80 28	
31	56	s. 8 .. h. 8-9	56.22	19.1	279 32	
225	71.60	7.5	56.19	17.7	279 34	
25	69.53	9-10	18 12.61	19 20 21.8 (½)	78 10	
35	58	9-10	12.73	23.4	281 52	
28	69.55	s. 8-9	18 15.42	19 30 45.4	77 58	
35	58	9	15.39	47.2	282 2	
25	69.53	s. 9	18 17.55	19 58 24.8	77 32	
35	58	9	17.64	24.0	··282 30	
30	69.55	9	18 31.31	14 53 34.5	·· 82 36	
36	59	9	31.22	33.6	··277 24	
18	69.50	s. 7-8	18 32.41	18 58 4.9	281 30	
20	51	7-8	32.27	5.3	78 32	
223	71.59	7.5	32.42	5.3	78 34	eng. dpl. 130° ::
241	73.42	[wie 8.7]	32.42	4.2	281 30	
33	69.56	h. 9	18 40.15	17 33 57.7	280 6	
222	71.59	8.5	40.14	57.4	79 58	
18	69.50	9	18 50.03	18 9 5.1	280 40	
28	55	8-9	50.06	5.0	79 20	18°3367 s. 9m
18	69.50	s. 8-9	18 51.02	18 19 19.6	280 50	
20	51	8-9	51.04	20.3	79 10	
27	69.54	s. 7	18 55.65	16 25 4.8	81 4	
32	56	h. 7	55.62	3.9	278 56	
F 2	69.45	—	18 55.75	15 43 16.4	278 14	
26	53	7	55.77	15.7	81 46	
34	57	6	55.76	15.7	278 14	schwkd.

[1] Com. h. 9-10m 6s 200°

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17h			
114	70.43	9.2	18m57s.86 (½)	20° 1′21″.4 (½)	282° 32′	Bem.[2]
222	71.59	9.2	57.00	20.8	77 30	
23	69.52	8-9	19 23.76	17 2 56.8	80 26	
24	53	s. 7-8	—	58.1	80 26	
28	55	8	23.70	58.1	80 26	
31	56	h. 8-9 .. s. 8	23.65	58.0	279 34	
241	73.42	[wie 9.3]	23.70	58.9	279 34	
29	69.55	9	19 35.10	16 21 53.5	81 8	
32	56	s. 9-h. 9-10	35.11	54.0	278 54	
17	69.50	h. 9	19 39.38	19 4 52.2	··281 36	
22	52	9-10	39.33	52.9::(½)	·· 78 24	
222	71.59	9.1	39.38	52.6	78 26	
F. 2	69.45	—	19 47.15	15 39 43.5	278 10	
20	53	h. 8	47.03	42.9	81 50	
34	57	h. 7-8	47.02	42.9	278 12	
223	71.59	7.8	47.09	43.6	81 52	
114	70.43	8.8	19 50.67	20 2 1.1	282 34	
222	71.59	8.0	50.73	0.7	77 30	
28	69.55	h. 9	19 53.69	17 56 4.0	79 34	
33	56	9	53.75	4.2	280 28	
114	70.43	9.1	19 59.02	20 8 15.8 (½)	282 40	
222	71.59	9.0	59.03	15.4	77 22	
27	69.54	7-8	20 5.48	16 29 41.5	81 0	
32	56	7	5.49	41.9	279 2	
241	73.42	[wie 8.5]	5.69	40.2	279 2	
29	69.55	9	20 12.06	17 10 2.5	· 80 20	
33	56	9	12.02	1.0	279 42	
F. 2	69.45	—	20 20.59	17 1 43.2	279 32	
24	53	h. 6	—	43.3	80 28	
25	53	6-7	20.60	42.1	80 28	
31	56	h. 7-8*	20.60	42.3	279 34	* st. orange
28	69.55	h. 9	20 53.18	17 18 10.3	80 12	
33	56	9 .. s. 9	53.29	9.9	279 50	
27	69.54	s. 9-10	21 5.45 (½)	16 51 53.2 (½)	80 38	gz. uns.; 3 F.
32	56	9-10	5.56:(½)	52.2:(½)	279 24	dkl. Feld
18	69.50	9	21 14.34	18 19 9.8	280 50	
20	51	9	14.39	9.3	79 10	
223	71.59	9.2	14.40	9.5	79 12	
26	69.53	h. 9-10	21 24.85	15 24 31.7	82 4	
34	57	9-10	25.00	32.9	277 56	
24	69.53	h. 8-9	21 —	17 4 43.3	80 24	
25	53	h. 8	26.00	42.7	80 24	schwkd.
31	56	8-9	26.11	43.0	279 36	
18	69.50	9	21 38.58	18 3 42.3	280 36	
20	51	9	38.70	42.5	79 26	
223	71.59	9.0	38.70	42.1	79 28	
26	69.53	9	21 44.65	15 8 54.4	82 20	Bem.[3]
34	57	h. 8	44.70	54.9	277 40	Bem.[4]
18	69.50	7-8	21 46.27	18 0 17.2	280 32	
20	51	h. 7-8	46.08	17.9	79 30	
223	71.59	7.0 sic	46.16	18.4	79 32	
F. 2	69.45		21 53.13	18 14 12.5	·280 46	
29	55	8	53.17	11.6	··79 16	
33	56	8	53.18	11.7	280 46	
27	69.54	7-8	21 57.62	16 33 45.7	80 56	
32	56	h. 8	57.67	45.0	279 6	
26	69.53	h. 8-9	22 7.17	15 30 58.8	81 58	
34	57	h. 8-9	7.24	58.4	278 2	

[2] 19°3310 9m.2, 20°3409 9m.4

[3] s. 9m f. 3s.3 45″; } 15°3188
[4] s. 9m f. 3s.55 1′ N. }

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
114	70.43	9.3	$22^m14^s.96$	$20°\ 8'\ 23''.6$ (½)	$282°40'$	
222	71.59	9.3	15.05	23.1	77 22	
27	69.54	s.9	22 15.04	16 4 28.3	81 26	
32	56	h.8-9	15.03	27.7	278 36	
24	69.53	9	22 —	17 3 19.7	80 26	
25	53	9	15.58	19.2	80 26	
31	56	9	15.53	21.0	279 34	
28	69.55	s.8	22 18.66	18 51 51.4	78 38	
33	56	s.8-9	18.70	50.6	**281 24	
24	69.53	h.9-10	22 —	17 4 37.7	80 24	
25	53	9.2	32.72	37.1	80 24	
31	56	s.9	32.94	37.6	279 36	
114	70.43	8.8	23 4.68 (½)	20 3 57.6 (2)	282 36	
222	71.59	8.8	4.62 (½)	56.9 (½)	77 26	
18	69.50	s.8-9‥h.9	23 11.53	18 16 37.3	280 48	
20	51	h.9‥9	11.55	38.0	79 12	
223	71.59	8.8	11.67	38.1	79 14	
28	69.55	9	23 12.75	19 58 27.3	77 32	
36	59	9	12.88	28.9	282 30	
17	69.50	s.8	23 13.01	19 44 43.4	282 16	
22	52	h.9	12.90	43.6	77 44	
26	69.53	s.9	23 27.92	15 47 39.0	81 42	
28	55	h.9	28.01	—	81 –	
34	57	s.9	27.92	39.6	278 20	
35	58	h.9	28.01	38.6	278 20	
18	69.50	h.9‥s.8-9	23 30.28	18 14 52.7	280 46	
20	51	9	30.25	52.8	79 14	
223	71.59	8.6	30.38	53.1	79 16	
24	69.53	h.8-9	23 —	17 33 23.8	79 56	
25	53	s.8-9	34.29	22.7	79 56	
31	56	9	34.32	24.0	280 4	
26	69.53	9-10	23 52.56	15 46 39.3	81 42	
34	57	s.9	52.60	37.9	278 18	
35	58	9	52.71	38.0	278 18	
28	69.55	9	23 56.65	15 48 4.1	81 42	Z. 26: 9-10^m
34	57	s.9	56.64 (½)	—	278 –	1 F.
35	58	9	56.60 (½)	—	278 –	1 F.
225	71.60	9.1	56.62	3.2	278 20	
17	69.50	s.8	24 14.02	19 50 39.4	282 22	
22	52	8-9	14.11	40.5	77 38	
27	69.54	8 s. unr.	24 14.68	16 3 52.9	81 26	
32	56	h.8-9‥s.8	14.81	53.7	278 36	
24	69.53	9-10	24 —	17 14 20.2 (½)	80 14	etw. uns.
25	53	h.9-10	15.38	19.5	80 14	
31	56	s.9	15.26	20.0	279 46	
28	69.55	s.8-9	24 30.49	15 29 12.3	82 0	
35	58	8-9	30.49	12.8	278 0	
29	69.55	s.9	24 38.39	16 46 21.0	80 44	10^m 2^s v.?
32	56	h.9-10	38.39 (½)	21.9	279 18	3 F.
27	69.54	h.9	24 48.64	16 7 43.8	81 22	
29	55	s.8-9	48.53	43.4	81 22	
32	56	8-9‥s.8-9	48.59	42.9	278 40	
26	69.53	s.9	24 52.01	15 17 14.6	82 12	
34	57	9	51.98	15.9	277 48	
F.2	69.45	—	25 4.47	17 36 47.8	280 8	
23	51	7-8	—	47.8	* 79 52	
24	53	h.7	—	48.7	79 52	
31	56	7-8	4.36	48.9	280 8	
26	69.53	s.9	25 15.51	15 17 21.8	82 12	
34	57	9	15.59	21.2	277 48	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
18	69.50	h.9	$25^m16^s.10$	$18°\ 46'\ 52''.3$	$281°18'$	
20	51	9‥h.9	16.12	52.7	78 42	
223	71.59	8.9	16.10	53.5	78 44	
30	69.55	9	25 16.47	14 55 29.0	82 34	
36	59	9	16.46	30.3	277 26	
223	71.59	9.4	25 20.02	17 39 55.3	79 52	
225	60	9.3	20.04	55.5	280 12	etw. uns.
18	69.50	9	25 20.18	18 25 34.8	280 56	
20	51	9	20.20	36.4	79 4	
24	69.53	s.9	25 —	17 57 54.5	79 32	
25	53	s.9	28.48	54.3	* 79 32	
31	56	9	28.38	54.8	*280 30	
26	69.53	h.8-9	25 40.37	15 56 51.9	81 32	
36	59	h.8	40.41	51.6	278 28	
F.2	69.45	—	25 50.57	19 6 49.0	281 38	
17	50	8-9	50.53	50.5	281 38	
22	52	h.9	50.56	48.9	78 22	
25	69.53	7	25 53.62	19 37 7.2	77 52	
35	58	6-7*	53.61	6.8	282 8	* röthlich
114	70.43	9.1	26 5.72	20 8 51.3	282 40	
222	71.59	9.0	5.70 (½)	49.0 (½)	77 22	
27	69.54	9	26[10.34::]	16 16[35 ±]	81 12	3 F.
29	55	h.9	10.59	35.6	81 12	
33	56	s.8	10.57	35.1	278 48	
30	69.56	7-8	26 20.51	16 55 3.8	80 34	
32	56	h.7-8	20.45	5.5	279 26	
26	69.53	h.10	26 21.47	15 54 18.3::(½)	81 36	
29	55	s.9‥h.9-10	21.58	17.7	81 34	
34	57	s.9	21.62	18.1	278 26	
28	69.55	s.9	26 24.97	18 42 1.1	78 48	
33	56	9	25.03	0.0	281 14	
27	69.54	10	26[27.2 ±]	16 24[28 ±]	81 4	1 F.
30	55	s.9	27.37	29.5	81 4	s. unr.
114	70.43	9.2	27.36	29.9	278 56	dpl. seq.?
17	69.50	9	26 29.11	19 28 4.2	282 0	
22	52	s.9	29.12	5.0	78 2	
225	71.60	9.0	29.16	4.1	282 0	
28	69.55	8	26 31.11	19 18 8.8	78 12	
35	58	8	31.19	7.8	281 50	
F.2	69.45	—	26 49.45	18 28 46.3	281 0	
18	50	h.7-8	49.42	46.4	281 0	
20	51	h.8‥s.7-8	49.49	45.4	79 0	
223	71.59	7.5	49.49	45.4	79 2	
33	69.56	s.8	27 14.08	18 20 46.6	280 52	
222	71.59	8.0	14.04	46.8	79 10	
30	69.56	8-9	27 15.83	16 36 56.4	80 52	
32	56	8-9	15.78	56.1	279 8	
35	69.58	h.7-8	27 23.25	19 28 9.5	282 0	
223	71.59	7.5	23.20	8.7	78 2	
36	69.58	7	27 23.53	19 10 38.2	281 42	
222	71.59	7.4	23.50	37.9	78 20	
F.2	69.45	—	27 35.06	16 51 35.0	279 22	
114	70.43	7 gz. zfl.	35.02	35.5	279 22	
223	71.59	7.1	35.06	34.1	80 40	
35	69.58	h.8-9	27 45.81	19 5 45.0	281 38	
222	71.59	8.2	45.79	44.5	78 26	
17	69.50	5	27 56.99	19 20 57.1	281 52	
22	52	5-6	57.04	55.5	78 8	
225	71.60	6.2	56.93	56.0	281 52	
114	70.43	6.7	28 2.39	14 55 57.6	277 26	
223	71.59	6.2	2.45	58.4	82 36	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17h			
30	69.55	h.7	28m 4s.04	16° 24' 30".7	81° 4'	auss. nur
32	56	6.7	3.93	28.2	278 56	
33	69.56	9	28 4.95	18 27 13.2	280 58	
222	71.59	9.2	5.06	14.2	79 4	Z.223: 9m.2
36	69.59	s.8	28 6.14	19 56 13.7	282 28	
222	71.59	8.5	6.19	14.1	77 36	schwkd.
33	69.56	9-10	28 7.07 (½)	18 27 [5]	280 58	1 F.
223	71.59	9.3	7.34	5.9	79 4	Z.222: 9m.2
26	69.53	9-10	28 —	15 1 42.2	82 28	
29	55	s.9	18.27	43.3	82 28	
34	57	s.9	18.24	42.2	277 34	15°3212 9·10m
24	69.53	s.9	28 —	17 51 59.6	79 38	
25	53	s.9	24.90	59.9	79 38	
31	56	s.9	24.85	52 0.6	280 24	
24	69.53	8-9	28 —	17 40 26.2	79 50	
25	53	8-9	37.09	25.5	79 48	
31	56	h.9	37.04	25.5	280 12	
29	69.55	s.8-9	28 38.88	15 23 55.1	82 6	
34	57	s.8	38.88 (½)	55.4 (½)	277 56	
31	69.59	9	28 46.13	17 35 50.9	280 8	
223	71.59	9.1	46.31	49.4	79 56	
30	69.56	s.7	28 52.37	16 35 25.7 (½)	80 54	
32	56	s.7	52.40	25.6	279 6	
F.2	69.45	—	28 56.75	19 10 38.0	281 50	
25	53	7-8	56.68	37.1	78 10	
35	58	h.8	56.70	36.8	281 52	
29	69.55	s.8	29 2.46	15 48 14.0	81 12	
115	70.45	8.0*	2.39	14.2	278 20	* mindestens
29	69.53	h.9	29 15.46	15 24 1.3	82 6	
34	57	h.8	15.49	5.4	277 56	
114	70.43	8.0	29 20.56	19 13 21.7	281 44	
224	71.60	7.5	20.52	20.5	78 18	
116	70.46	8.6	29 21.50	20 6 30.7	282 38	
224	71.60	8.7	21.47	30.9	77 24	
25	69.52	8	29 —	17 53 34.8	79 36	
[illegible]	53	8-h.8	—	35.8	79 36	
31	56	h.8-9	22.47	35.5	280 26	
33	69.56	s.8	29 32.73	18 18 23.2	280 50	
222	71.59	8.0	32.65	23.0	79 12	
36	69.59	s.9	29 46.52	17 17 36.8	279 50	
223	71.59	9.3	46.52	37.2	80 14	
33	69.56	s.8-9 h.9	29 49.08	18 17 41.9	280 50	
222	71.59	9.0	49.03	41.3	79 14	
35	69.58	h.9-10	29 49.30	19 0 56.8	281 32	
224	71.60	8.7	49.47	56.8	78 30	
26	69.53	10	29 [50.8±]	15 53 [35±]	81 30	2 F.
29	55	s.9	51.14	34.7	81 36	
34	57	9	51.02	34.5	278 26	
24	69.53	s.9	30 —	16 50 56.9	80 30	
25	53	s.9	4.33	53.6	80 30	
31	56	s.9	4.31	56.7	279 32	
114	70.43	9.2	30 6.79	19 21 2.6	281 52	
224	71.60	9.0	6.74	1.9	78 10	
F.2	69.45	—	30 15.77	18 37 27.3	281 8	
33	56	h.9	15.65	27.2	281 8	
222	71.59	9.0	15.65	27.4	78 54	
37	69.58	h.7-8 s.7	30 23.75	19 55 34.1	282 26	
224	71.60	6.0	23.72	34.5	77 36	
225	60	7.0	23.66	32.7	282 28	
33	69.56	8-9	30 56.30	18 36 34.8	281 8	
222	71.59	8.6	56.27	33.2	78 54	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17h			
F.2	69.45		31m 0s.74	16° 28' 41".1	279° 0'	
30	56	8	0.81	40.2	81 0	
32	56	8	0.81	40.4	279 0	
36	69.59	s.9	31 —	18 23 52.6	280 56	
115	70.45	9.0	10.66	52.4	280 54	
223	71.59	9.0	10.76	52.4	79 8	
30	69.55	8-h.8	31 22.36	14 55 45.7	82 34	
36	59	7-8	22.26	45.6	277 28	
225	71.60	7.5	22.20	46.6	277 28	
29	69.55	9-h.9	31 22.66	16 15 20.4	81 14	
32	56	h.9	22.66	21.0	278 46	
36	69.59	9	31 24.69	17 59 34.4	280 32	
223	71.59	8.8	24.62	33.8	79 32	
115	70.45	8.1	31 32.85 (½)	20 0 12.5 (½)	282 32	
224	71.60	8.1	32.81	11.5	77 32	
35	69.58	h.8-9	31 41.13	19 24 28.2	281 56	
224	71.60	8.1	41.22	27.2	78 6	
F.2	69.45	—	31 45.71	18 22 30.7	280 54	
115	70.45	9.0	45.76	29.7	280 54	
222	71.59	8.4	45.77	30.3	79 8	
35	69.58	9	32 2.06	19 40 58.7	282 12	
223	71.59	9.0	2.06	58.3	77 50	
24	69.53	s.8-9	32 —	19 1 49.0	78 28	
25	53	[illegible]	20.23	49.1	78 28	
31	56	9-s.9	20.18	49.4	281 34	
225	71.60	9.0	20.31	48.2 (½)	281 34	
26	69.53	h.9-10*	32 40.99	15 16 1.8	82 14	* vermuthl. W
34	57	8	41.04	0.4	277 48	
F.2	69.45	—	32 48.93	17 54 59.0	280 26	
24	53	8-s.8	—	59.9	*79 34	
25	53	s.8	48.86	55 0.1	*79 34	
31	56	8-9	48.92	54 59.8	*280 26	
33	69.56	s.9	32 49.06	18 38 18.6	281 10	18°3424 s.8-9m
222	71.59	9.0 zfl	48.99	16.7	78 52	
30	69.56	s.9	32 54.78	18 37 55.4	78 52	Bem. [1]
17	69.50	9	33 2.83	19 21 31.9	281 52	
22	52	9	2.81	32.4	78 8	
224	71.60	9.0	2.84	32.0	78 10	
225	60	8.7	2.71	32.2	281 54	
27	69.54	9-10	33 [3.53::]	16 38 21.6:: (½)	80 50	
28	55	9	3.72	21.0	80 52	
32	56	s.9-9	3.82	21.9	279 10	
27	69.54	s.9-10	33 [10.81::]	16 23 [10.0::]	81 6	
28	55	9	11.04	14.1	81 6	
32	56	9-s.9	11.09	14.8	278 54	
F.2	69.45		33 16.16	15 53 0.7	278 24	
26	53	s.8-9	16.08	1.8	81 36	
34	57	8	16.06	2.6	278 24	
29	69.55	9	33 31.33	15 56 36.8	81 32	15°3237 9·10m
34	57	h.9	31.30	36.6	278 28	
30	69.56	h.9	33 34.06	18 35 38.6	*78 54	
33	56	s.8-9	34.02	38.5	281 6	
29	69.53	9-10	33 38.66	18 25 55.9	79 4	
33	56	8-9	38.68	58.1	280 56	
223	71.59	9.1	38.52		79 —	
224	60	9.2	38.72	57.4	79 6	
33	69.56	8-9	33 52.34	18 24 49.6	280 56	
222	71.59	9.0	52.39	48.9	79 6	
223	59	8.9	52.41	48.8	79 6	Z.224: 9m.0

[1] Für Cat.-Nr. 63[illegible] zu setzen, s. Bd. II S. 133.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
35	69.58	h.8	$33^m52^s.59$	$18°\ 4'\ 35''.7$	*280° 36'	
222	71.59	[9.0]	52.56	35.5	79 26	
223	59	7.6	52.56	35.7	79 26	
36	69.59	s.9	33 55.17	18 16 37.4	*280 48	
222	71.59	9.2	55.18	36.9	79 14	Bel. e. z. hell
F.2	69.45	—	33 59.56	16 34 44.2	279 6	
27	54	9.0	59.54 (½)	43.6	80 54	3 F.
28	55	8-9	59.57	43.7	80 54	
32	56	h.8-9	59.57	44.2	279 6	
26	69.53	9-10	34 6.83	15 55 7.3	81 34	
34	57	9	6.96	6.5	278 26	äuss. unr.
17	69.50	s.9	34 25.29	19 6 13.0	281 38	
22	52	h.9-10	25.28	13.7	78 24	
224	71.60	9.1	25.28	13.0	78 26	
225	60	9.0	25.21	12.5 (½)	281 38	
31	69.56	h.10‥10	34 42.70 (½)	17 20 —	279 —	2 F.
33	69.56	8-9	34 43.53	18 56 15.4	281 28	
222	71.59	9.2	43.56	13.8	78 34	
223	59	9.0	43.49	14.0	78 34	
31	69.56	h.10	34 45.28	17 18 48.6	279 50	3 F.
26	69.53	9-10	34 49.49	15 39 32.1	81 50	
34	57	s.9	49.59	32.3	278 10	
33	69.56	s.9	35 16.82	18 24 50.2	280 56	
222	71.59	9.3	16.98:(½)	48.7:(½)	79 6	3 F.
223	59	9.2	16.88 (½)	49.6 (½)	79 6	
24	69.53	9	35 —	17 19 21.4	80 10	
25	53	9	21.41	22.1	80 10	
116	70.46	8.8	21.50	21.9	279 50	
116	70.46	8.7	35 21.86	20 6 57.5	282 38	
224	71.60	8.5	21.82	57.1	77 24	
F.2	69.45	—	35 32.17	15 14 39.7	*277 46	
23	52	6-7	—	39.6	82 14	
29	55	6-7	32.15	38.9	82 14	
35	57	6	32.13	39.1	277 46	
225	71.60	6.5	32.19	39.8	277 46	
27	69.54	—	35 32.37 (½)	16 31 48.4	80 58	3 F.
28	55	s.8	32.58	48.8	80 58	
32	56	h.8-9	32.53	48.4	279 4	
27	69.54	8-9 W.	35 47.42 (½)	16 19 45.5	81 10	3 F.
28	55	s.8-9	47.47	46.7	81 10	
32	56	8-9‥s.8-9	47.48	46.4	278 52	
17	69.50	9	35 57.31	19 13 —	281 —	
17	69.50	h.8	36 6.03	19 12 40.6	281 44	
22	52	h.8‥s.7-8	5.99	40.9	78 16	Bem. [1]
224	71.60	7.0	5.99	40.2	78 18	$19°3399\ 9^m.3$
225	60	7.5	6.03	41.5	281 44	
29	69.55	h.9-10	36 6.16	17 25 44.5	80 4	
36	59	s.9	6.23	44.7	279 58	
116	70.46	9.2	6.25	45.0	279 56	
30	69.56	8	36 7.10	17 3 20.2	80 26	
35	58	8	7.09	19.9	279 34	
33	69.56	8-9	36 7.53	18 15 26.2	280 46	
223	71.59	8.5	7.54	26.5	79 16	
26	69.53	s.8	36 11.83	15 28 46.2	82 0	
34	57	h.7-8	11.95	47.4	278 0	
27	69.54	7	36 22.01	16 0 42.7	81 28	
28	55	6	22.08	42.2	81 28	
119	70.47	5.5	22.06	42.4	278 32	
30	69.55	h.8-9	36 28.93	14 51 40.5	82 38	
36	59	h.8	28.76	41.1	277 24	

[1] $19°3399$ s.9^m $8^s.9$ v.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
33	69.56	h.9	$36^m29^s.69$	$18°\ 23'\ 21''.1$	280° 54'	
222	71.59	8.7	29.75	21.5	79 8	
30	69.56	8	36 33.84	17 5 44.6	80 24	
35	58	s.8	33.69	45.9	279 36	
24	69.53	7-8	36 —	17 17 27.7	80 12	
25	53	s.7‥h.7-8	42.76	27.2	80 12	
31	56	h.8	42.75	27.2	279 48	
29	69.55	s.9	36 46.24	15 2 7.5	82 28	
36	59	9	46.24	7.6 (½)	277 34	
F.2	69.45	—	36 56.39	19 40 48.8	282 12	
17	50	h.8	56.39	48.6	282 12	
22	52	s.7-8	56.46	48.5	77 48	
225	71.60	7.8	56.39	49.1	282 12	
26	69.53	s.9‥9	36 58.39	15 39 41.9	81 50	
34	57	s.8-9	58.52	41.7	278 12	
30	69.56	h.8-9	36 59.29	16 56 6.2	* 80 34	
32	56	h.8-9‥s.8	59.27	6.1	279 28	
29	69.55	h.9	37 15.99	16 49 12.9	* 80 40	
36	59	s.8	15.89	14.5	279 20	
24	69.53	h.8	37 —	17 44 22.4	79 46	
25	53	8	30.85	21.1	79 46	
31	56	h.8-9‥s.8	30.95	21.3	280 16	
24	69.53	7-8	37 —	17 44 55.3	* 79 44	
25	53	8	45.29	54.8	* 79 44	
31	56	h.8-9‥s.8	45.26	54.5	*280 16	
F.2	69.45	—	37 51.22	18 52 57.2	281 24	
33	56	7-8	51.29	56.9	*281 24	
222	71.59	7.8	51.24	57.0 (½)	78 38	
26	69.53	h.8-9	37 59.72	15 4 23.1	82 26	s. unr.
34	57	8	59.59	23.6	277 36	
17	69.50	9	38 4.75	19 36 20.2	282 8	
22	52	h.9	4.85	20.0	77 54	
225	71.60	8.5	4.77	20.9	282 8	
35	69.58	9-10	38 6.40	19 59 26.2	282 30	
223	71.59	9.1	6.46	24.5	77 32	
35	69.58	h.9-10	38 32.52	19 4 5.8	281 36	
222	71.59	9.1	32.60	7.2	78 28	
225	60	9.2	32.60	5.6	281 36	
F.2	69.45	—	38 34.28	15 23 52.9	277 56	
26	53	s.9	34.17	53.8	82 6	
34	57	—	34.20	52.2	277 56	
116	70.45	8.8	38 38.92	20 3 36.5	282 36	
222	71.59	8.4	38.89	37.8	77 28	
36	69.59	8-9	38 45.48	16 3 43.9	278 34	
223	71.59	8.2 sic	45.60	43.5	81 28	
17	69.50	h.8-9	39 5.44	19 2 51.1	281 34	
22	52	8	5.43	50.5	78 28	
225	71.99	7.9	5.39	52.1	281 34	Bem. [2]
27	69.54	8-9	39 21.44	16 44 —	80 —	
28	55	8-9	21.45	14.5	80 44	
32	56	h.8	21.41	14.5	279 16	
35	69.58	8	39 35.75	19 20 33.0	281 52	
223	71.59	7.8	35.76	32.0	78 10	
33	69.56	9	39 47.67	18 5 18.2	280 36	
223	71.59	9.1	47.70	18.6	79 26	
35	69.58	h.9-10‥s.9	39 54.40	20 0 4.7	282 32	
222	71.59	9.1	54.55	1.9:(½)	77 32	
29	69.55	9	39 55.58	14 57 3.3	82 32	
36	59	9	55.61	2.3	277 28	

[2] spl. oder klbd. 270°±

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
.2	69.45	—	$40^m10^s.34$	17° 15′ 59″.5	279° 48′	
29	55	8-9	10.32	59.2	80 14	
32	56	8-9	10.37	59.6	*279 48	
25	69.53	8-9‥s.8-9	40 10.47	17 45 56.5	79 44	Dpl. 2″ 120°?
31	56	9 u. 9	10.43	58.0	280 18	D. 3″ 120° md
41	73.42	[wie 9.5]	[10.60::]	[51 ±]	280 18	
27	69.54	(9)	40 10.74	16 52 [40±]	80 36	
28	55	8-9	10.73	39.1	80 36	
32	56	s. 8	10.74	40.7	279 24	
17	69.50	h.9‥s.8-9	40 12.55	19 46 34.0	282 18	
22	52	9	12.50	33.6	77 44	
225	71.60	8.1	12.52	34.4	282 18	
26	69.53	s. 9	40 32.03	15 31 23.0	81 58	
34	57	9-10	31.98	23.0	278 2	Z.116: $8^m.5$
F.2	69.45	—	40 51.34	18 40 48.8	281 12	
33	56	h. 9	51.36	48.2	281 12	
222	71.59	9.1	51.41	48.6	78 50	
33	69.56	8-9	40 54.43	18 43 54.8	281 16	
222	71.59	9.0	54.40	54.5	78 48	
25	69.53	h. 8	40 56.81	17 37 27.2	79 52	
31	56	8	56.84	28.7	280 8	
30	69.55	h. 8-9	41 0.32	14 49 39.3	* 82 40	C. 8-9^m 5″ 120°
36	59	{8-9 8-9‥s.8-9}	{40 59.70 41 0.10}	38.5	277 20	
28	69.55	9	41 4.27	15 33 54.1	81 56	
116	70.45	9.1	4.26	53.2	278 6	
F.2	69.45	—	41 25.92	17 56 9.4	280 28	
25	53	s.8‥h.8-9	25.89	8.4	79 34	
31	56	s.8‥h.8-9	25.87	9.7	280 28	
27	69.54	(10)	41 [29.65]	15 5 —	82 —	2 F.
28	55	h.8‥8	29.84	7.4	82 24	
34	57	h.8‥s.7-8	29.87	6.6	277 36	
36	69.59	s. 8-9	41 31.66	18 16 39.8	280 48	
223	71.59	8.5	31.75	39.5	79 14	
33	69.56	9	41 34.89	18 42 31.1	281 14	
222	71.59	9.2	35.05	36.5:(½)	78 48	
223	59	9.0	35.07	30.5	78 48	
23	69.52	—	41 —	17 44 39.9	79 44	
25	53	5	37.01	40.3	79 46	
31	56	6	37.05	40.6	280 16	
35	69.58	8-9	41 42.15	19 31 0.1	*282 2	
224	71.60	8.3	42.14	0.5	78 0	
118	70.47	9.1	41 45.39	18 28 24.0	281 0	
223	71.59	8.4	45.39	21.4	79 2	
27	69.54	(s. 9)	41 57.66::(½)	15 4 51.2::(½)	82 24	
28	55	h. 8	57.72	52.1	82 24	
34	57	h. 8	57.60	52.2	277 36	
F.2	69.45	—	42 4.80	18 56 7.4	281 28	
123	70.66	6.7	4.79	8.5	78 34	
225	71.60	7.1	4.82	6.7	281 28	
29	69.55	9	42 9.79	15 59 34.8	81 30	
119	70.45	9.0 sic	9.82	34.7	278 32	
30	69.56	8	42 13.25	14 51 16.0	82 38	
119	70.47	8.3	13.27	15.6	277 22	C. $9^m.2$ 2″ 70°
30	69.56	s. 8-9	42 14.37	17 29 34.7	* 80 0	
118	70.47	9.0	14.58 (½)	36.7	280 0	1 F.
225	71.60	8.9	14.39	36.6 (½)	280 2	
116	70.45	9.2	42 21.47	18 31 18.4	281 2	
223	71.59	9.1	21.41	17.5	79 0	
118	70.47	9.2	42 30.05 (½)	18 25 35.5	280 56	3 F.
224	71.60	9.1	29.78	33.9 (½)	79 6	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
116	70.46	9.2	$42^m41^s.14$	18° 54′ 4″.8	281° 24′	
224	71.60	9.0	41.23	4.6	78 38	
29	69.55	8-9	42 44.08	15 46 38.3	81 44	
34	57	s. 8	44.05	38.1	278 18	
35	69.58	8	42 54.01	19 6 43.0	281 38	
224	71.60	8.0	53.96	43.4	78 24	
29	69.55	9-10	43 1.54	17 10 20.2	80 20	
36	59	9-10	1.68	20.3	279 42	
33	69.56	8-9	43 7.78	18 10 18.8	280 42	
223	71.59	8.4	7.82	18.2	79 22	
28	69.55	9	43 11.22	16 44 19.4	80 46	
32	56	h. 9	11.21	18.9	279 16	
28	69.55	s.8‥h.8-9	43 12.06	16 39 31.7	* 80 50	
32	56	8	11.96	31.5	**279 10	
F.2	69.45	—	43 22.01	19 17 50.1	281 48	
35	58	6	22.08	49.3	281 50	
123	70.66	6.0	22.07	49.5 (½)	78 12	
33	69.56	h. 8	43 35.53	18 27 56.8	281 0	
123	70.66	8.3	35.56	54.7	79 2	
25	69.53	8-9	43 44.63	17 38 38.9	79 50	
31	56	9‥h.9	44.54	41.0	280 10	
225	71.60	8.5	44.67	40.6	280 10	
29	69.55	9-10	44 23.46	15 37 39.3	81 52	
29	69.55	9	44 25.06	15 38 8.7	81 52	
34	57	9	25.14	6.5	*278 10	
25	69.53	…[a]	44 25.28	17 59 30.6	* 79 30	[a] 9-10‥h.9-10
31	56	s.9‥h.9-10	25.28	30.8	*280 30	
224	71.60	9.1	25.37 (½)	30.0 (½)	79 32	
225	60	9.2	25.33	31.4	280 30	
F.2	69.45	—	44 29.71	15 32 0.6	278 4	
26	53	s. 8	29.66	0.9	81 58	
34	57	8	29.73	31 58.8	278 4	äuss. unr.
30	69.56	s. 9	44 40.57	14 56 12.0	82 34	
30	69.55	h 9	44 43.47	14 57 11.5	82 32	
36	59	h. 8-9	43.57	10.9	277 28	
33	69.56	8-9	45 17.30	18 53 15.2	281 24	
222	71.59	Wolk.	17.55 (½)	—	78 —	Hgl. $-^s.07$ ang.
223	59	8.8	17.31	14.8	78 38	
225	60	9.0	17.28	15.8	281 24	
F.2	69.45	—	45 30.07	18 23 8.9	280 54	
30	56	7-8	30.05	7.6	79 6	
116	70.45	8.2	30.06 (½)	8.7 (½)	280 54	
224	71.60	7.5	30.04	7.7	79 8	
35	69.58	8-9	45 32.58	19 16 53.7	281 48	
123	70.66	8.5	32.54 (½)	55.1 (½)	78 15	
223	71.59	9.3	45 37.54	18 53 36.8	78 38	
33	69.56	s. 9	45 43.24	18 56 0.3	281 28	
223	71.59	8.9	43.38	0.3	78 36	
22	69.52	9	46 3.31	19 4 56.3	78 24	
35	58	8-9	3.31	55.9	281 36	
224	71.60	8.8	3.27	56.4	78 26	
225	60	8.5	3.26	56.5	281 36	
26	69.53	s. 8	46 8.50	15 2 29.0	82 28	
36	59	7-8	8.57	28.1	277 34	
29	69.55	s. 8-9	46 15.19	15 39 15.0	81 50	
34	57	s. 8-9	15.24	15.8	278 10	
29	69.55	5-6	46 20.17	15 21 27.5	82 8	
36	59	6-7	20.01	28.1	277 52	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17h			
27	69.54	(s.9)	46m[27s.07:]	16°39'[58"±]	80°50'	2 F.[1]
28	55	8..h.8	28.37	54.8	80 50	
32	56	h.8	28.33	54.3	279 10	
28	69.55	9	46 46.77	16 55 33.7	80 34	
32	56	9..s.9	46.63	33.2	279 26	
25	69.53	h.8-9	46 54.53	17 16 23.4	80 14	
31	56	8-9	54.50	22.8	279 48	
225	71.60	8.3	54.63	22.9	279 48	
27	69.54	(s.9)	46 57.51 (⅓)	16 55 59.6::(⅓)	80 34	3 F.; fast trübe
28	55	6	57.52	57.8	80 34	
32	56	7	57.54	58.3	279 26	
33	69.56	9-10	46 57.51	18 41 9.7	281 12	
223	71.59	9.0	57.56	7.9	78 50	18°3488 9m.2
26	69.53	8-9	46 59.10	15 45 54.0	81 44	
34	57	s.8-9	59.16	53.0	278 18	
25	69.53	s.9..h.9-1	47 3.78	17 16 3.1	80 14	
31	56	s.9	3.84	3.0	279 48	
225	71.60	9.2	3.90	2.6	279 48	
22	69.52	s.9-10	47 16.24::(⅓)	19 41 23.9::(⅓)	77 48	k. sichtb., 3 F.
35	58	10	16.10	22.1	282 12	Dpl. 10" 180°:
224	71.60	9.4	16.37	23.9	77 50	Com. 7" 155° [verm.
30	69.55	h.8	47 18.40	17 51 51.6	79 38	
36	59	8..h.8	18.34	52.0	280 22	
116	70.45	8.7	47 28.43 (⅔)	16 13 24.8 (⅔)	278 44	
122	65	8.5	28.45 (½)	24.7 (½)	81 17	
118	70.47	8.6	47 35.99	19 30 56.9	282 2	
119	48	8.5	35.97	55.7	282 2	
223	71.59	8.2	36.04	55.8	78 0	
30	69.56	s.9	47 42.29 (⅓)	17 0 41.1	80 28	3 F.
116	70.45	9.3	42.36	42.8	279 32	
F.2	69.45	—	47 43.77	19 40 0.3	282 10	
35	58	s.8	43.66	39 58.8	282 12	
122	70.65	8.0	43.68	59.8	77 50	
30	69.56	s.9	47 53.66	17 34 22.5:(⅓)	79 56	
118	70.47	9.2	53.69 (⅓)	24.0 (½)	280 6	
119	47	9.1	53.68	23.9	280 6	
29	69.55	s.8..h.8-	48 7.47	15 49 39.2	81 40	
34	57	s.8	7.36	40.1	278 20	
32	69.56	s.9	48 9.51	16 47 6.6	279 18	
223	71.59	8.6	—	5.9	80 44	
224	60	8.9	9.56	5.8	80 44	
25	69.53	9	48 11.20	17 3 37.7	80 26	
31	56	9..s.9	11.19	39.0	279 36	
225	71.60	8.4	11.22	38.3	279 36	
26	69.53	s.9-10	48[13.89::]	15 24 19.9::(½)	82 6	
29	55	9	14.20	20.3	82 6	
34	57	9..s.9	14.10	19.8	277 56	
22	69.52	9-10	48 21.62::(½)	19 23 38.5	78 6	3 F.[2]
35	58	9-10	21.45	40.0	[2]281 54	
F.2	69.45	—	48 28.95	18 37 0.3	281 8	
33	56	h.8..s.7-8	28.93	0.3	281 8	
122	70.65	8.7	28.89	36 58.2	78 54	
33	69.56	8-9	48 30.89	18 35 26.8	281 6	
122	70.65	8.7	30.99	26.3	78 56	
29	69.55	h.9	48 34.83	16 58 10.0	80 32	
116	70.45	8.6	34.84	8.6	279 30	
118	70.47	8.5	48 35.83	19 34 26.1	282 6	
119	48	8.1	35.69	26.5	282 6	
123	65	8.5	35.74 (½)	26.4 (½)	77 57	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17h			
30	69.55	h.9	48m48s.80	17°55'37".6	79°34'	
36	59	s.8-9	48.70	39.1	280 26	
28	69.55	h.8	48 58.44	16 20 3.3	81 10	
36	59	h.8	58.42	3.4	278 52	
116	70.45	9.0	49 8.89	19 25 57.2	281 58	
122	65	9.1	8.88 (⅔)	55.7	78 6	
25	69.53	s.9	49 9.22	17 38 29.9	79 52	
31	56	9	9.25	30.6	280 10	
225	71.60	9.0	9.26	31.8	280 10	17°3375 9m.4
28	69.55	h.9	49 10.35	16 34 52.2	80 54	
32	56	9..s.9	10.26	51.5	279 6	
F.2	69.45	—	49 11.22	18 12 38.6	280 44	
33	56	7-8	11.32	37.2	280 44	
123	70.66	7.8	11.25 (⅔)	38.0 (½)	79 19	
24	69.53	9	49 23.90	17 11 0.5	80 18	
31	56	s.9	24.02	10 59.1	279 42	
225	71.60	9.0	23.98	58.9	279 42	
26	69.53	s.8	49 36.71	15 18 25.9	82 12	
34	57	h.8	36.64	24.2	277 50	
28	69.55	s.9	49 37.22 (⅓)	16 40 1.8	80 50	1 F.
32	56	h.9-10	37.33	0.0	279 12	
28	69.55	9	49 37.58	16 39 1.0	80 50	
32	56	h.9..s.8-9	37.54	1.7	279 10	
F.2	69.45	—	49 54.95	19 28 49.6	282 0	
22	52	8	54.94	48.9	78 2	
35	58	h.8	54.96	49.4	282 0	
224	71.60	7.6	54.99	48.3 (½)	78 2	
116	70.45	8.0	50 7.44 (⅔)	20 4 28.5 (⅔)	282 36	
122	65	8.2	7.47 (⅔)	26.8 (½)	77 27	
30	69.55	s.8-9	50 17.06	18 31 22.0	78 58	
36	59	h.9	17.03	25.6	281 2	
22	69.52	s.9	50 36.78	19 51 15.5	77 38	
35	58	s.9	36.96	15.3	282 22	Z. 116: 9m
224	71.60	8.8	36.91 (½)	15.8 (½)	77 40	
36	69.59	h.9-10	50 43.52	19 0 23.9	281 30	
123	70.65	8.9	43.54	22.6	78 30	
F.2	69.45	—	50 55.47	18 20 48.4	280 52	Dpl. med.
33	56	{ 7-8..s.7-8 s.7-8	55.56 (½) 55.79 (½) }	48.5	280 52	Dpl. 3" 125°
121	70.64	{ 8.0 8.2	55.54 55.57	49.0 46.7	79 10 79 10	} » 4 120
116	70.46	7.2	51 0.96	19 54 31.2	282 26	
121	64	7.3	0.93	31.6	77 36	s. unr.
24	69.53	s.9	51 5.50 (⅓)	17 47 54.1	79 42	2 F.
31	56	s.9*	5.40 (⅓)	53.6	280 20	3 F. — * Cirr.
225	71.60	9.1	5.59	54.0	280 20	
25	69.53	s.6-7	51 8.25	18 37 50.6	78 52	
118	70.47	7.1	8.12	50.8	281 8	
119	48	6.5	8.06 (2)	51.5 (2)	281 9[4]	
28	69.55	9..s.9	51 17.72	16 12 10.8	81 18	
32	56	h.9	17.77	9.0	278 44	
28	69.55	s.9	51 18.84	16 7 0.4	81 22	
32	56	9	—	0.8	278 38	
30	69.55	9	51 19.50	18 54 47.8	78 34	
36	59	s.9	19.29	50.4	281 26	
25	69.53	h.9	51 21.59	18 58 40.4	78 32	
36	59	h.9	21.66	41.7	281 30	

[1] anscheinend keine Antritte; fast trübe [2] der letzte +0s.65 abw. [3] 3 u. 2 F. [4] 2 Abl. von 281° 8', 1 von 281° 10'

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^{h}			
22	69.52	9	$51^{m}30^{s}.85$	$19^{\circ}25'12''.7$	$78^{\circ}\ 4'$	
35	58	9	30.78	12.8	281 56	
24	71.60	8.8	30.80	12.3	78 6	
26	69.53	h. 9-10	51 42.09 (½)	15 35 9.7	81 54	
34	57	s. 9	42.13	8.8	278 6	
33	69.56	8-9	51 52.40	18 5 14.9	280 36	
23	70.66	8.7	52.27	14.9	79 26	
29	69.55	s. 9-10	51 59.47 (½)	17 27 42.3	80 2	2 F.
31	56	9-10	59.37 (½)	42.7	279 58	3 F.
225	71.60	9.4	59.43	41.0	280 0	
29	69.55	9	52 8.67	17 7 30.1	80 22	Dpl. $3''$ 220°?
16	70.45	8.6	8.60	30.7	279 38	
26	69.53	s. 7-8	52 24.07	15 25 20.8	82 4	
34	57	s. 7	24.01	22.1	277 56	
24	69.53	s. 8-9	52 24.80	17 25 10.4	80 4	
31	56	8-9	24.67	10.7	279 56	
225	71.60	8.6	24.77	11.3	279 56	
35	69.58	9	52 27.15	19 5 53.0	281 36	
123	70.66	8.9	27.19	52.1	78 24	
23	69.52	7	52 —	15 9 5.2	82 20	
26	55	7-8	28.26	3.9	82 20	
34	57	7	28.23	4.2	277 40	
33	69.56	8-9	52 35.25	18 42 46.6	281 14	
223	71.59	8.7	35.30	46.5	78 48	18°3509 $8^{m}.8$
119	70.48	9.0	52 42.48	18 26 14.6	280 58	
123	65	8.8	42.50	13.1	79 4	
30	69.55	s. 7-8	53 7.52	14 51 34.4	* 82 38	
36	59	7-8 .. h. 7-8	7.41	34.8	277 22	
29	69.55	s. 9	53 7.57	14 56 20.0	82 34	
118	70.47	9.1	7.75	19.1	277 28	
25	69.53	9	53 13.48	18 55 0.8	78 34	
33	56	s. 8-9	13.32	2.0	281 26	
25	69.53	9	53 44.41	18 53 14.8	78 36	
33	56	8-9	44.43	15.2	*281 24	
28	69.55	8-9	53 54.51	16 38 19.7	80 52	
32	56	s. 8-9	—	19.1	279 10	
35	69.58	s. 8-9	53 58.78	19 48 40.9	282 20	
123	70.66	8.6	58.84	41.5 (½)	77 42	
26	69.53	8-9	54 7.26	15 19 8.4	82 10	
34	57	8-9	7.23	8.5	277 50	s. unr.
29	69.55	9	54 14.05	14 59 15.8	82 30	
36	59	8-9	14.00	16.2	277 30	
35	69.58	s. 9	54 20.46	19 27 28.7	281 58	
123	70.66	9.2	20.49	29.7	78 4	
23	69.52	5	54 —	16 45 35.0	80 44	
28	55	5	29.63	33.5 (½)	80 44	
32	56	5	—	33.8	279 16	
25	69.53	h. 9	54 30.63	18 43 40.5	78 46	
116	70.45	8.5	30.67	39.2	281 14	
24	69.53	h. 8	54 49.98	17 43 48.1	79 46	
31	56	8-9	49.95	48.9	280 14	
225	71.60	8.0	49.94	49.2	280 16	
30	69.55	h. 9	54 52.62	17 25 1.6	80 4	
118	70.47	9.0	52.77	1.1	279 56	
30	69.56	h. 8 .. s. 7-8	54 58.83	17 6 36.9	80 22	
119	70.47	7.8	58.77	35.8	279 38	Z.122: 7^{m}
116	70.46	7.0	55 2.61	19 30 45.0 (½)	282 2	
123	65	6.2	2.54	45.6	78 0	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^{h}			
24	69.53	s. 9	$55^{m}\ 4^{s}.09$	$17^{\circ}30'11''.5$	$80^{\circ}\ 0'$	
31	56	s. 9	4.08	10.5	280 2	
225	71.60	9.3	4.10	11.7	280 2	
119	70.47	8.2	55 9.70	17 10 21.8	279 42	
122	65	7.8	9.68	22.2	80 20	
29	69.55	9	55 12.34	17 35 53.2	79 54	schwkd.
36	59	9	12.31	53.6	280 6	
35	69.58	h. 8-9	55 17.63	19 37 40.0	282 8	
120	70.62	8.9	17.51	40.5	77 54	
26	69.53	7	55 18.68	15 6 10.7	82 24	
34	57	6 .. h. 6	18.65	10.1	277 38	
25	69.53	h. 8-9	55 34.68	18 58 19.2	78 32	
33	56	s. 8	34.75	18.8	281 30	Z.121: $8^{m}.7$
35	69.58	9	55 35.41	19 0 44.0	281 32	Z.25: s. 9^{m},
121	70.64	9.3	35.42	43.1	78 30	[33: 9^{m}
28	69.55	s. 9	55 40.73	16 11 15.7	81 18	
32	56	h. 9-10	—	15.5	278 42	
30	69.56	h. 9	55 42.78	16 50 21.2	80 40	
32	56	h. 9	—	20.4	279 22	
26	69.53	s. 8-9	55 43.33	15 30 29.4	82 0	
34	57	8-9	43.27	29.2	278 2	
30	69.55	8 .. s. 8	56 6.26	16 43 17.5	80 46	
36	59	8	6.34	18.2	279 14	
29	69.55	9	56 9.14	15 1 24.1	82 28	bei ∂ gz. zfl.
34	57	h. 9	8.83	27.5	277 32	
24	69.53	s. 9	56 16.43	17 13 32.6	80 16	
31	56	s. 9	16.47	32.9	279 44	
225	71.60	9.2	16.56	32.0	279 46	
28	69.55	9 .. s. 9	56 16.58	16 8 58.2	81 20	
32	56	9	—	58.4	278 40	
116	70.46	8.2	56 29.16	20 8 50.6	282 40	
120	62	8.7	29.15	51.3	77 22	
26	69.53	8-9	56 32.96	14 52 43.0	82 36	
118	70.47	8.9	32.98	44.2	277 24	
119	48	8.5	33.05	42.7	277 24	
F. 2	69.45	—	56 33.93 (½)	15 58 6.8	278 30	
26	53	h. 8-9	33.96	6.8	81 32	
118	70.47	8.5	33.97	7.0	278 30	
119	48	8.3	33.97	6.0	278 30	
224	71.60	7.9	34.00	7.3	81 34	
25	69.53	9 .. s. 9	56 35.68	18 52 38.4	78 38	
33	56	s. 8-9	35.66	39.9	281 24	
28	69.55	h. 8-9	57 0.64	16 8 6.9	81 22	
116	70.45	8.3	0.60	7.8	278 40	
30	69.55	8-9	57 2.58	16 23 24.4	81 6	
36	59	h. 8-9	2.63	26.0	278 54	
23	69.52	7-8	57 —	16 48 39.5	80 40	
118	70.47	8.1	9.44	41.4	279 20	
119	48	7.9	9.44	38.4	279 20	
120	62	8.3	9.39	39.3	80 42	
28	69.55	9	57 11.95	16 31 25.9	80 58	
32	56	9	—	25.3	279 2	
24	69.53	s. 8-9	57 12.95	17 44 38.3	79 46	
31	56	h. 8-9	12.99	38.7	280 16	
29	69.55	s. 7-8	57 20.97	15 0 6.1 (½)	82 30	
34	57	h. 8	20.94	6.1	277 32	
F. 2	69.45	—	57 22.08	16 4 57.7	278 36	
116	70.46	8.1	22.01	57.8	278 36	
122	65	8.0 W.	22.10 (½)	57.6 (½)	81 27	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
25	69.53	9	$57^m 41^s.42$	18° 41′ 46″.4	78° 48′	
33	56	h.9	41.51	47.5	281 12	
225	71.60	8.5	41.46 (2)	45.7	281 14	
36	69.59	h.9-10	57 41.54	17 28 31.4	280 0	
121	70.64	9.2	41.41	30.9	80 2	
23	69.52	8	57 —	19 41 6.9	77 48	
35	58	8	43.63	6.1	*282 12	
120	70.62	8.4	43.58	6.4	77 50	Z.116: s.7^m
118	70.47	8.4	57 44.69	17 36 24.7	280 8	
119	48	8.2	44.55	23.1	280 8	
121	64	8.5	44.63	24.7	79 54	
23	69.52	7	57 —	19 36 41.5	77 52	
116	70.46	6.2	49.90	41.4	282 8	Z.120: h.7-8^m
123	65	5.5	49.84	41.9	77 54	
119	70.47	8.8	57 50.36	20 5 20.5	282 36	
122	65	9.1	50.48	21.0	77 26	
29	69.55	s.8‥h.8-9	57 53.53	15 25 29.6	82 4	
34	57	s.7-8	53.38	32.2	277 56	
F.2	69.45	—	57 55.77	19 33 14.9	282 4	
23	52	7	—	15.2	77 56	
116	70.46	7.2	55.70	14.2	282 4	
123	65	6.1	55.66	15.2 (½)	77 58	
24	69.53	h.9	58 16.80	17 39 44.9	79 50	
31	56	s.8-9	16.83	44.6	280 10	
25	69.53	s.9	58 36.37	18 16 37.4	79 14	
33	56	9	36.37	38.3	280 48	
225	71.60	8.8	36.39	39.4	280 48	
26	69.53	h.9-10	58 42.29	15 57 30.6	81 32	
34	57	s.9	42.39	29.7	278 28	
224	71.60	9.0	42.54 (½)	29.7 (½)	81 34	
35	69.58	9-10	58 50.10	19 54 21.0	282 26	19°3514 9-10^m
122	70.65	9.3	50.20	21.6	77 36	
30	69.55	s.9	58 50.93	14 54 33.3	82 34	
36	59	h.9-10	50.87	33.3	277 26	
F.2	69.45	—	58 53.12	18 47 31.9	281 18	
33	56	h.9	53.26	33.2	281 18	
123	70.66	8.8	53.23	33.5 (½)	78 44	
224	71.60	9.3	58 53.51	15 57 38.9	81 34	
118	70.47	9.3	58 55.10[1]	19 12 2.5	281 42	Bem.[2]
121	64	9.2	55.48	4.8	78 18	
29	69.55	9-10	59 18.06	15 48 10.0	81 42	
225	71.60	9.1	18.23	11.0	278 20	
35	69.58	h.9‥s.8-9	59 22.35	19 45 30.2	282 16	
120	70.62	9.2	22.31	29.7	77 46	
25	69.53	9-10	59 22.43	18 21 24.3	79 8	
118	70.47	9.1	22.79	25.4	280 52	18°3544 $9^m.0$
23	69.52	s.7	59 —	16 55 12.1	80 34	
28	55	7	27.17	11.7	80 34	
32	56	7	—	12.3	279 26	
35	69.58	8-9	59 29.82	19 52 58.5	282 24	
120	70.62	9.3	29.80	59.5	77 38	
24	69.53	8-9‥s.8-9	59 36.99	17 5 49.3	80 24	
31	56	h.8-9	37.04	48.4	279 36	
26	69.53	h.8	59 41.27	15 38 23.6	81 52	
34	57	s.7-8	41.23	23.8	278 10	
224	71.60	7.4	41.34	22.3	81 52	
119	70.47	8.6	59 41.57	20 3 30.2	282 34	
122	65	8.5	41.47	29.9	77 28	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			17^h			
116	70.46	8.5	$59^m 50^s.73$	16° 23′ 14″.5	278° 54′	
121	64	8.7	50.78	13.0	81 8	
28	69.55	8-9	59 55.71	16 31 23.3	80 58	
116	70.45	8.6	55.63	23.7	279 2	
30	69.56	8-9	59 57.14	16 27 41.7	81 2	
116	70.45	9.0	57.15	41.5	278 58	Z.121: $9^m.0$
			18^h			
30	69.56	s.9	0 0.26	16 40 2.0	80 50	
32	56	h.9-10	—	1.6	279 12	
28	69.55	s.8-9	0 3.82	16 31 41.4	80 58	
116	70.45	8.9	3.86	41.6	279 2	
36	69.59	8	0 5.24	18 26 15.0	280 58	
121	70.64	8.0	5.23 (½)	13.9 (½)	79 5	
24	69.53	9-10	0 6.31	17 0 6.7	80 30	
31	56	9	6.25	5.4	279 30	
33	69.56	—	0 16.42	18 8 24.4	280 40	
122	70.65	9.2	16.52	24.1	79 22	
28	69.55	s.9	0 30.52	16 9 58.0	81 20	
119	70.47	9.1	30.41	58.5	278 40	
29	69.55	8-9	0 42.79	15 34 20.4	81 56	
34	57	8	42.85	19.6	278 6	
36	69.59	9-10	0 47.40	17 12 3.5	279 44	
121	70.64	9.1	47.41	1.0	80 18	
119	70.47	9.0	1 18.16	17 28 23.0	280 0	
122	65	9.0	18.25	22.8	80 2	
28	69.55	s.9	1 34.06	16 52 7.0	80 38	16°3375 [illegible]
225	71.60	9.2	34.15	8.0	279 24	„ 9.2
29	69.55	8-9	1 35.31	15 40 51.8	81 48	
225	71.60	7.9[3]	35.37	51.3	278 12	15°3361 [illegible]
226	61	8.3 sic	35.37	52.1	278 12	„ 9.2
227	61	8.5	35.34	51.7	278 12	„ 9.2
228	61	8.5	35.34	52.0	278 12	„ 9.4
122	70.65	8.9	1 38.84	17 52 16.2	79 38	
225	71.60	8.6	38.84	16.4	280 24	
29	69.55	7-8‥h.7-8	1 42.09	15 13 16.1	**82 16	
118	70.47	7.0:	41.98	16.0	277 44	
23	69.52	9	1 —	15 56 22.6	81 32	
34	57	9	42.72	21.7	278 28	
121	70.64	9.0	42.70	20.8	81 34	
23	69.52	h.7-8	1 —	15 54 28.8	81 34	
34	57	6	44.71	29.2	278 26	
121	70.64	7.1	44.70	27.5	81 36	
30	69.55	8-9‥s.8-9	1 45.06	14 51 8.6	82 38	
36	59	8-9	44.99	7.4	277 22	
23	69.52	8-9	1 —	15 56 32.2	81 32	
34	57	h.8-9	47.78	32.1	278 28	
121	70.64	8.8	47.74	32.1	81 34	
35	69.58	8-9	1 59.69	19 41 32.2	282 12	
123	70.66	8.3	59.72	34.0	77 50	
35	69.58	7-8	2 4.96	19 39 4.7	*282 10	
123	70.66	7.4	5.00	6.7	77 52	
33	69.56	h.8	2 18.29	18 51 45.4	*281 22	
123	70.66	8.0	18.24	45.8	78 38	
118	70.47	9.2	2 19.53	15 17 5.3	277 48	
122	65	9.1	19.33	5.8	82 14	
119	70.47	9.1	2 29.20	18 43 37.4	281 14	
122	65	9.1	29.17	36.5	78 48	

[1] letzter F. st. abw., ohne denselben $55^s.19$

[2] $9^m.5$ v., 0′.7 340° ±

[3] * bei schwacher Beleuchtung vielleicht etwas überschätzt

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^{h}			
33	69.56	h. 8-9	3^{m} $2^{s}.70$	18° 57′ 1″.9	281° 28′	
20	70.62	8.8	2.72	1.1	78 34	
28	69.55	9	3 2.78	16 59 4.2	80 30	
36	59	s. 9	2.69	6.2	279 30	
30	69.56	9	3 9.90	16 48 27.2	80 42	
16	70.45	9.0	10.01	26.8	279 20	
33	69.56	h. 8	3 10.39	18 37 6.4	281 8	
23	70.66	8.2	10.41	5.4 (½)	78 54	
18	70.47	8.8	3 11.95	17 36 18.2	280 8	
23	65	8.9	11.85	18.7	79 54	
35	69.58	9-10	3 27.23:(½)	19 28 37.6:(½)	282 0	
22	70.65	9.1	27.23	38.4	78 2	
28	71.61	9.2	27.27	38.7	282 0	
19	70.48	5.1	3 29.47 (½)	20 1 37.4 (½)	282 32	
24	67	—	29.54	37.8	77 30	
25	67	5.7	29.50	36.5	77 30	
18	70.47	8.9	3 31.56	17 32 24.8	280 4	17°3460 $9^{m}.0$
23	65	9.0	31.43	26.1	79 58	
34	69.57	s. 9	3 34.35	15 56 0.9	278 28	
21	70.64	9.1	34.48	1.3	81 34	
27	71.61	9.0	34.36	0.9	278 28	
30	69.55	h. 9 – 9	3 49.29	15 42 49.1	81 48	
36	59	9	49.18	49.2	278 14	Z.120: 9^{m}
34	69.57	s. 9	3 53.08	15 58 4.6	278 30	
121	70.64	9.1	53.13	6.3	81 32	
127	71.61	9.0	53.10	5.3	278 30	
F.2	69.45	—	4 0.96	17 26 35.7	279 58	
118	70.47	9.0	1.12	36.4	279 58	
22	65	8.9	1.10	35.8	80 4	
23	69.52	s. 6	4 —	16 27 16.5	81 2	
28	55	6-7	33.86	17.1	81 2	
16	70.46	6.7	33.81	16.8 (½)	278 58	Bem. [1]
226	71.61	7.5 u. 8.0	33.94	17.1	278 58	Bem. [2]
35	69.58	9	4 36.93	19 1 25.9	281 32	
120	70.62	9.2	37.01	26.1	78 30	
228	71.61	—	36.95	25.1	281 32	
118	70.47	9.0	4 38.01	17 2 47.8	279 34	
121	64	9.0	37.98	47.8	80 28	
30	69.56	s. 8-9	4 38.92	16 18 47.9	81 12	
116	70.45	8.9	38.89	48.1 (½)	278 50	
F.2	69.45	—	4 47.63	17 22 20.1	279 54	
24	53	s. 8 – h. 8-9	47.50	20.4	80 8	
31	56	h. 9	47.49	19.6	279 54	
25	69.53	9-10	4 50.94	18 15 13.4	79 14	
33	56	s. 9	50.92	15.0	280 46	
225	71.60	9.3	50.81	14.1	280 46	
29	69.55	9	4 51.34	15 37 9.1	81 52	
119	70.47	9.0	51.38	7.7	278 8	
28	69.55	8	5 7.10	16 1 57.1	81 28	
34	57	7-8	7.11	2 0.5	278 32	
30	69.56	8 – s. 8	5 7.60	18 15 50.0	79 14	
33	56	h. 8	7.47	50.2	280 46	
225	71.60	7.9	7.51	49.8	280 48	
23	69.52	7-8	5 —	18 28 45.7	79 0	
36	59	s. 7	15.53	49.0	281 0	
121	70.64	7.5	15.43	48.3	79 2	
35	69.58	s. 9	5 21.58	19 30 14.3	282 2	
120	70.62	9.2	21.50	13.5	78 0	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^{h}			
35	69.58	h. 9-10	5^{m} $36^{s}.64$	19° 30′ 17″.2	282° 2′	
120	70.62	9.7	36.86	16.6	78 0	
F.2	69.45	—	5 41.53	19 52 45.1	282 24	
118	70.47	8.3	41.53	44.8	282 24	
121	64	8.4	41.52	45.2 (½)	77 38	
21	69.51	s. 8-9	5 47.97	17 11 42.6	80 18	
116	70.45	9.0	47.95	43.1	279 42	schw. C. 220°??
28	69.55	9	5 56.47	16 3 40.1	81 26	
32	56	9	56.46	39.3	278 34	
25	69.53	8-9	6 4.71	18 17 50.8	79 12	
33	56	8	4.73	51.5	280 48	
225	71.60	8.2	4.83	51.4	280 50	
24	69.53	s. 8	6 34.20	17 26 28.0	80 4	
31	56	9	34.29	27.0	279 58	
225	71.60	9.0	34.28	26.2	279 58	
24	69.53	9	6 36.74	17 9 36.5	80 20	
31	56	h. 9-10	36.47	36.4	279 40	Z.121: 9^{m}
35	69.58	8-9	6 43.90	19 12 35.1	281 44	
120	70.62	9.0	43.92	34.8	78 18	
118	70.47	8.0	6 44.58	19 3 55.5	281 34	
119	48	8.0	44.56 (½)	54.3 (½)	281 34	
120	62	8.0	44.48	54.3	78 26	
21	69.51	h. 9	6 45.32	17 45 29.2	79 44	
36	59	9	45.14	30.6	280 16	
116	70.45	9.0	6 46.87	17 16 26.3	279 48	
122	65	8.7	46.97	25.1	80 14	
F.2	69.45	—	6 47.62	18 5 53.1	280 38	
25	53	9	47.53	51.9	79 24	
33	56	s. 8-9	47.59	53.1	280 36	
29	69.55	9	6 51.70	15 55 19.9	81 34	s. unr.
34	57	9	51.67	20.6	278 26	
36	69.59	s. 9	6 54.93	17 56 27.9	280 28	
122	70.65	8.7	55.09	26.6	79 34	Z.118: $9^{m}.0$
23	69.52	7-8	7 —	17 59 49.5	79 30	
118	70.47	7.9	2.40	50.0	280 30	
119	48	8.0	2.30	51.6	280 30	s. unr.
122	65	7.2	2.32	50.0	79 30	
28	69.55	s. 8-9	7 7.21	16 6 1.7	81 24	
32	56	s. 8-9	7.18	1.4	278 38	
24	69.53	9	7 8.11	17 0 52.5	80 28	
31	56	s. 9	8.23	51.6	279 32	
225	71.60	9.1	8.21	52.7	279 32	
118	70.47	9.0	7 22.76	19 41 7.9	282 12	
119	48	9.1	22.87	5.2	282 12	
121	64	8.9	22.87	7.4	77 50	
35	69.58	8-9	7 23.91	19 46 14.9	282 18	
116	70.46	8.8	24.02 (½)	16.6	282 18	19°3557 9^{m}
120	62	8.8	23.96	16.2	77 44	Z.125: $8^{m}.8$
121	64	8.9	23.88	16.7	77 44	19°3557 $9^{m}.2$
24	69.53	8	7 24.60	17 0 47.9	80 28	
31	56	9	24.58	46.6 (½)	279 32	
225	71.60	8.9	24.65	46.4 (½)	279 32	
35	69.58	s. 8-9	7 36.14	19 47 34.6	282 18	Z.116: 9^{m}
125	70.67	9.0	36.22	34.5	77 44	» 120: 9.0
F.2	69.45	—	7 37.30	18 38 58.7	281 10	» 121: 8.9
25	53	s. 8	37.28	58.7	78 50	
33	56	8	37.35	58.8	281 10	
23	69.52	7	7 —	16 14 34.2	81 16	
30	55	7	40.38	34.4	81 16	
32	56	s. 7	40.43	34.4	278 46	

[1] Dpl. 1″ 235° med., etwa 7^{m} u. $7^{m}.5$ [2] Dpl. 1″.5 230° med.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
29	69.55	s.9	7^{m}43^s.44	15°58'14".8	81°32'	
34	57	. . .*	43.44	14.3	278 30	* 9-10 .. h.9-10
29	69.55	s.9	7 56.24	15 20 59.0	82 8	
34	57	9	56.29	21 0.3	277 52	äuss. unr.
122	70.65	8.5	56.24	0.0	82 10	
29	69.55	9	8 1.75	15 20 33.6	82 10	
34	57	8-9	1.74	34.4	277 52	äuss. unr.
122	70.65	8.2	1.76	33.6	82 10	
28	69.55	9 .. s.9	8 2.27	16 55 10.6	80 34	
32	56	9	2.22	10.4	279 26	
21	69.51	s.9	8 13.08	17 44 4.4	79 46	
31	56	9	13.17	4.8	280 16	
225	71.60	9.2	13.13	5.1 (½)	280 16	
30	69.55	h.8	8 20.68	16 23 0.2	* 81 6	
36	59	s.8 .. h.8-9	20.59	0.1	278 54	
F.2	69.45	—	8 30.08	18 13 8.6	*280 44	
25	53	8-9	29.93	8.0	79 16	
33	56	s.8 .. h.8-9	29.94	9.1	280 44	
35	69.58	h.8-9	8 41.67	19 57 1.7	282 28	
121	70.64	8.6	41.74	2.3	77 34	
118	70.47	9.1	8 53.26	19 13 28.7	281 44	
122	65	9.0	53.27	26.6	78 18	
118	70.47	8.6	9 0.84	19 50 39.2	282 22	
120	62	8.6	0.75	37.2	77 40	
21	69.51	h.9	9 13.96	17 37 36.0	79 52	
31	56	h.8-9	13.98	35.5	*280 8	
23	69.52	8	9 —	19 0 43.9	78 30	
24	53	7-8	17.02	43.6	78 28	
118	70.47	7.6	16.98	42.3	281 32	
29	69.55	s.8-9 .. h.9	9 17.95	15 30 53.3	82 0	
34	57	8-9	17.93	53.4	278 2	
28	69.55	s.9	9 18.79	16 48 2.3	80 42	
32	56	s.9	—	2.2	279 20	
36	59	h.9-10	18.75	3.4	279 20	
29	69.55	h.9	9 19.31	15 31 37.4	81 58	
34	57	9	19.44	39.8	278 2	Bem. [1]
119	70.48	9.2	9 26.26	20 3 39.2	282 34	
121	64	9.1	26.21	39.3	77 28	
25	69.53	h.8-9 .. s.8	9 29.19	18 26 17.3	79 4	
33	56	8 .. h.8	29.15	16.9	*280 58	
28	69.55	s.8	9 29.81	16 13 28.4	81 16	
116	70.45	8.0	29.78	28.9	278 44	
19	69.50	9 (W.)	9 46.91	17 4 33.6	279 36	isol. Beob.
21	51	8-9	46.58	33.2	80 26	
35	69.58	{ 9-10	9 47.54 (½)	19 19 27.0	281 50	3 F. } Dpl.
		{ 9-10	49.32 (½)	15.2	281 50	3 F. } Dpl.
120	70.62	9.2	47.64	26.6	78 12	Bem. [2]
122	65	9.0	49.49	15.1	78 12	D. seq.: pr. 9^m.0
225	71.60	{ 9.3	47.69	27.2	281 50	} Dpl.
		{ 9.2	49.40	15.5	281 50	
119	70.48	{ 9.1	10 0.47	19 43 57.7	282 14	} Dpl. 9" 330°
		{ 8.6	0.70	53.1	282 14	
122	65	{ 9.0	0.47: (⅓)	58.7 (⅓)	77 48	} » 6 330
		{ 8.5	0.65	52.5: (⅓)	77 48	
228	71.61	{ 9.2	0.46	44 0.5	282 16	} » 4-5 325 ±
		{ 8.9	0.74	43 53.6	282 16	
24	69.53	h.9-10	10 14.51	19 27 4.9	78 2	Z.118: 9^m.0
227	71.61	9.2	14.55	5.8	281 58	
30	69.56	8	10 14.99	15 18 19.5	82 12	
116	70.45	8.2	15.03	19.4	277 50	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
118	70.47	8.8	10^{m}15^s.23	19°30'36".3	282° 2'	Z. 24: 8^m.
						227: 9.0
116	70.45	8.2	10 32.94	16 38 9.7	279 10	
122	65	7.7	33.02	10.1	80 52	
35	69.58	s.9	10 32.99 (½)	19 8 52.2	281 40	3 F.
120	70.62	9.1	33.04	52.5	78 22	
29	69.55	h.9	10 35.83 (½)	15 43 —	81 —	3 F.
121	70.64	9.1	35.93	26.9	81 48	
225	71.60	9.2	35.82	26.6	278 14	
30	69.56	h.9	10 35.94	15 12 14.7	82 18	
225	71.60	8.3	36.06	13.8	277 44	
29	69.55	s.9	10 37.01	15 1 53.0	82 28	
116	70.45	9.1	36.94	53.7	277 32	
28	69.55	9	10 37.86	16 32 45.8	80 58	
32	56	9	—	44.8	279 4	
36	59	h.9 .. s.8-9	37.74	47.5	279 4	
25	69.53	h.8-9	10 43.52	18 52 43.1	78 38	
33	56	s.8	43.51	42.5	281 24	
19	69.50	9 W.	10 48.66	17 29 12.2	280 0	Bem. [3]
21	51	9	48.80	12.9	80 0	
118	70.47	8.6	10 53.80	19 28 9.2	281 58	
120	62	8.9	53.68	8.9	78 2	
228	71.61	9.0	53.81	9.6	282 0	
29	69.55	s.9	10 56.27	15 45 53.8	81 44	Z.121: 9^m.1
34	57	9	56.25 (½)	53.1	278 16	3 F.
119	70.48	9.2	10 57.82	19 59 58.3 (½)	282 30	
121	64	9.3	57.80	57.1	77 32	etw. uns.
30	69.56	s.9	11 17.59	14 56 31.5	82 34	
225	71.60	9.1	17.63	30.9	277 28	
24	69.53	h.9-10	11 20.03	19 53 30.8: (⅓)	77 36	
35	58	s.9	19.94	29.5	282 24	
226	71.61	9.1	20.04	31.6	282 24	
25	69.53	s.9	11 22.03	18 8 57.9	79 22	
116	70.45	9.1	22.01	59.0	280 40	Z.121: 8^m.5
118	70.47	9.0	11 38.19	19 35 51.1	282 6	
119	48	9.1	38.26	53.0	282 6	
120	62	9.1	38.20	53.8	77 54	
226	71.61	9.3	11 40.55	19 54 1.0	282 24	
33	69.56	8-9	11 46.31	18 59 40.3	281 30	
121	70.64	8.6	46.28	41.1	78 32	
116	70.46	9.0	11 53.02	18 4 16.8	280 36	
121	64	8.7	53.13	16.9	79 26	
28	69.55	9	12 3.94	16 6 20.6	81 24	
32	56	s.8-9	—	21.3	278 38	
36	59	h.9-10	3.81	20.6	278 38	
29	69.55	8	12 18.20	15 47 38.6	81 42	
34	57	7-8	18.11	38.9	278 18	
227	71.61	8:	18.24	39.0	278 18	
30	69.56	h.9	12 18.27	16 18 52.8	81 12	
32	56	s.8-9	—	51.5	278 50	
36	59	h.9	18.33	53.0	278 50	
21	69.51	s.7-8	12 24.67	17 56 1.4	79 34	
31	56	h.8	24.53	2.0	280 26	
25	69.53	7 .. s.7	12 38.16	18 5 5.1	79 24	
33	56	6-7	38.08	5.6	280 36	
225	71.60	6.5	38.09	5.4	280 36	
F.2	69.45	—	13 3.21	16 57 19.8	279 28	
28	55	s.8	3.25	20.4	80 32	
32	56	8	—	20.5	279 28	17°35'23 s 9^m
36	59	8	3.17	21.6	279 28	

[1] kaum sichtbar vor Unruhe; Hgl. —^{s}.058 ang. [2] Dpl. pr.: 9^m.2 20" 110°

[3] bei δ-Einst. kaum sichtbar. — Isolirte Beobachtung.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
25	69.53	s.7-8	13^m 3^s.51	18°20′ 9″.4	79°10′	
19	70.48	7.8	3.55	8.9	280 50	
21	64	7.9	3.57	9.3	79 10	
28	71.61	8.1	3.52	9.9	280 52	
18	70.47	9.0	13 5.27	18 50 48.7	281 22	
23	66	9.1	5.18 (½)	49.5 (½)	78 41	
28	71.61	9.3	5.18	46.9	281 22	
35	69.58	8	13 8.25	19 24 9.4	281 56	
20	70.62	8.5	8.24	10.7	78 6	
126	71.61	8.2	8.27	10.8	281 56	
24	69.53	8	13 14.62	19 54 24.3	77 36	
35	58	8..s.8	14.57	23.7	282 26	
126	71.61	8.1	14.67	24.2	282 26	
21	69.51	9	13 21.10	17 32 39.1	79 58	
31	56	h.9	21.25	39.2	280 4	h.10^m 2^{s}v. 1′S
33	69.56	s.9	13 28.98	18 26 27.4	280 58	
120	70.62	9.2	29.04	26.9	79 4	
126	71.61	9.0	29.01	27.5	280 58	
21	69.51	h.9	13 31.87	17 25 14.0	80 4	
31	56	8-9	31.79	14.7	279 56	
29	69.55	7	13 39.12	15 46 33.7	81 44	
34	57	7	39.13	33.8	278 18	
127	71.61	7.5	39.22	33.7	278 18	
25	69.53	s.9-10	13 45.99	18 45 7.4	78 44	
118	70.47	9.2	46.24	7.5	281 16	
128	71.61	9.4	46.09	6.6	281 16	
34	69.57	h.10	13 51.31	15 22 42.6	277 54	nur geahnt
122	70.65	9.2	51.33	40.6	82 8	Z.119: h.9^m
127	71.61	9.2	51.47 (½)	41.6 (½)	277 54	
30	69.56	s.9	13 51.48	15 38 18.6	81 52	
116	70.45	9.2	51.43	20.4	278 10	δ etw. uns.
225	71.60	9.2	51.38	19.4	278 10	
30	69.56	h.9..s.8-9	14 3.17	15 30 26.7	82 0	
119	70.45	8.1	3.19	27.5	278 2	
28	69.55	h.9	14 4.26	16 36 3.2	80 54	
32	56	s.8-9	—	2.6	279 8	
36	59	9	4.27	3.1	279 6	
119	70.48	9.1	14 9.57	15 24 57.1	277 56	Z.122: 9^m.1
121	64	9.3	9.55	55.0	82 6	» 227: 9.2
24	69.53	h.8	14 16.42	17 9 4.7	80 20	
119	70.47	8.3	16.44	2.4	279 40	
35	69.58	8	14 24.04	19 7 10.6	*281 38	
120	70.62	8.0	24.01	11.2	78 24	
226	71.61	7.8	24.03	11.4	281 38	
25	69.53	s.8-9..8-9	14 33.15	18 20 37.5	79 10	
33	56	8-9	33.22	37.7 (½)	280 52	
225	71.60	8.4	33.22	38.3	280 52	
116	70.45	8.7	14 33.56	16 39 55.3	279 10	
122	65	8.0	33.63	57.3	80 52	
21	69.51	h.9	14 41.42	17 30 40.6	80 0	
31	56	8-9	41.31	41.2	280 2	
116	70.46	9.3	14 41.81	16 15 37.6	278 46	
122	65	9.4	41.75	38.4	81 16	
227	71.61	9.4	41.83	38.6	278 46	
116	70.46	8.7	14 49.58	16 58 18.9	279 28	
121	64	8.8	49.54	18.5	80 32	
29	69.55	h.9	14 49.80	15 4 56.5	82 26	
34	57	9	49.73	57.3	277 36	
227	71.61	9.0	49.74	56.5	277 36	
118	70.47	9.0	14 55.38	20 4 59.0	282 36	Bem. [1]
120	62	8.9	55.43	59.5	77 26	Bem. [2]

[1] 9^m.3 12^s± v. 1′.5 S. [2] 9^m.2 15^s± v. 2′S.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
29	69.55	8-9	14^{m}55^s.77	15°22′22″.5	* 82° 8′	
34	57	8	55.79	22.9	277 54	
227	71.61	8.5	55.77	22.8	277 54	
28	69.55	h.9..s.8-9	15 5.39	16 25 37.6	81 4	
32	56	h.8-9	—	38.0	278 56	
36	59	h.9	5.37	39.4	278 56	
21	69.51	h.8	15 12.27	17 19 57.8	80 10	
119	70.48	7.8	12.22	58.2 (½)	279 50	
228	71.61	7.9	12.23	57.2	279 52	
28	69.55	h.9	15 12.65	16 54 16.9	* 80 36	
116	70.45	9.0	12.60	18.3	279 24	
24	69.53	s.8-9	15 42.83	19 51 57.7	77 38	
35	58	s.8	42.81	57.2	282 22	
226	71.61	8.0	42.79	58.2	282 24	19°3604 9^m.1
21	69.51	9..s.9	15 55.08	17 6 27.0	80 24	
31	56	8-9	55.13	25.6	279 38	
25	69.53	9-10	15 55.35	18 39 50.3	78 50	
33	56	9	55.45	51.2	281 10	
225	71.60	9.2	55.33	51.5	281 12	
24	69.53	s.8-9	16 4.29	18 7 25.3	79 22	
118	70.47	8.9	4.15	25.5	280 38	18°3650 9^m.1
32	69.56	8..h.8	16 —	16 4 54.5	*278 36	
36	59	h.8	12.88	54.5	*278 36	
121	70.64	7.8	12.93 (½)	54.4 (½)	81 27	
30	69.56	8	16 13.12	15 34 26.0	81 56	
34	57	8	13.11	24.5	278 6	
227	71.61	8.0	13.04	24.2 (½)	278 6	
35	69.58	8	16 35.07	19 40 12.2	282 10	
120	70.62	8.3	35.16	12.1	77 50	
25	69.53	h.9-10	16 35.45	18 17 3.3	79 12	
33	56	h.9	35.54	5.4	280 48	
119	70.48	9.2	16 36.56	19 59 22.2	282 30	
120	62	9.1	36.62	21.9	77 32	
116	70.46	9.3	16 52.26	16 42 51.3	279 14	
121	64	9.2	52.14	50.9	80 48	
127	68	9.0	52.30	48.7	80 48	
121	70.64	8.7	17 5.45	16 18 38.6	81 12	
225	71.60	8.1	5.46	39.0	278 50	schwkd.
228	61	8.6	5.48	38.7 (½)	278 50	
122	70.65	7.3	17 6.17	15 49 48.5	81 42	
136	73	s.8	6.26	49.7	278 22	
127	70.68	8.1	17 8.19	15 43 46.0	81 48	
134	73	8:	8.17 (½)	45.5	278 16	3 F.
30	69.55	7-8	17 9.91	14 56 31.1 (½)	82 34	Z.128: h.8^m
136	70.73	7.8	9.94	30.5	277 28	» 225: 7^m.2
128	70.68	8.5	17 15.19	14 54 28.1	82 36	
225	71.60	8.2	15.08	27.5	277 26	
21	69.51	s.5	17 17.68	17 45 54.1	* 79 44	
31	56	h.6	17.62	53.3	280 16	17°3556 9^m
118	70.47	8.0	17 28.55 (½)	19 5 18.7	281 36	
125	67	8.3	28.47	19.1	78 26	
123	70.65	6.4	17 28.57	16 37 37.2	80 54	
136	73	s.6	28.66	37.8	279 10	
122	70.65	9.0	17 38.92	17 58 53.1	79 32	17°3559 9^m.2
226	71.61	8.7	39.04	54.3	280 30	
125	70.67	9.1	17 41.89	15 27 23.6	82 4	
225	71.60	9.1	41.88	24.6	277 58	
122	70.65	8.3	17 56.77	17 3 23.0	80 28	
226	71.61	8.4	56.87	22.8	279 34	17°3557 9^m.1
120	70.62	9.1	17 59.15	19 56 15.4	77 36	
227	71.61	9.0	59.07	15.8	282 28	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
128	70.68	8.0	18^m 5.07	14° 50' 45.0	82 40	
134	73	7.5	5.00	47.3	277 22	
123	70.66	9.0	18 12.35	16 50 10.8	80 41	
226	71.61	9.1	12.40	10.0	279 22	
228	61	9.2	12.41	10.7	279 22	
120	70.62	9.1	18 14.03	16 51 41.7	[illegible]	
227	71.61	9.1	15.00	42.2	282 [illegible]	
127	70.68	9.0	18 19.9[illegible]	15 1 31.5	[illegible]	
225	71.60	8.7	19.86	31.9	277 5[illegible]	
228	61	9.1	19.8[illegible]	30.0	277 [illegible]	
122	70.65	8.5	18 23.14	17 10 14.7	80 [illegible]	
226	71.61	8.5	23.16	15.2	27[illegible]	
128	70.68	7.3	18 44.01	15 55 24.5	81 56	15 3456 [illegible]
134	73	h.7 1.1	44.00	24.5	278 1	Bonn [1]
120	70.69	8.0	18 47.28	16 10 55.5	81 2[illegible]	
227	71.61	7.9	47.25	55.8	278 [illegible]	
121	70.64	9.4	18 55.26	18 5 27.2	[illegible]	
227	71.61	9.4	55.00	27.5	280 1[illegible]	
127	70.68	9.0	18 56.20	16 34 39.1	80 50	
225	71.60	9.0	56.20	39.5	279 [illegible]	
120	70.62	8.4	18 57.04	16 16 38.7	78 14	
227	71.61	8.3	57.06	38.5	281 48	16 3403 9^m.2
116	70.45	9.6	19 10.41	16 43 27.1	279 14	
122	65	9.1	10.44	25.9	80 48	16 3490 9^m.1 [2]
118	70.47	8.8	19 11.06	16 32 0.7	282 [illegible]	
127	68	8.9	11.12	1.5	77 58	
21	69.51	8.9	19 11.55	17 17 10.7	[illegible] 12	
223	71.59	9.2	11.52	9.2	[illegible] 11	
226	61	9.2	11.57	11.3	280 18	
228	61	9.2	11.47	10.5	280 18	
116	70.46	9.2	19 12.0[illegible]	16 15 40.0	279 16	Bonn = Z 122 (?)
119	70.48	9.0	19 17.48	18 40 26.0	281 2[illegible]	
121	64	8.7	17.58	27.3	78 12	
128	70.68	8.8	19 19.06	16 0 50.7	81 50	
226	71.61	8.9	18.87	51.4	278 [illegible]	
228	61	8.8	18.98	51.0	278 [illegible]	
127	70.68	9.2	19 24.67	18 11 24.1	79 [illegible]	
227	71.61	9.3	24.50	24.5	280 [illegible]	18 3072 9^m.3
122	70.65	7.7	19 25.03	16 37 54.1	80 5	
136	73	8	25.13	53.9	279 11	
128	70.68	8.5	19 27.27	14 50 48.3	82 5[illegible]	
225	71.60	8.7	27.20	48.1	277 5[illegible]	
128	70.68	8.2	19 31.07	15 0 56.9 (?)	82 30	
225	71.60	8.6	31.04	55.6	277 32	
118	70.47	9.1	19 34.09	19 24 6.0	281 54	19 3030 9^m.1
120	62	9.0	34.21	6.4	78 1	
127	70.68	8.9	20 0.21	15 13 34.3	82 18	
225	71.60	9.0	0.15	33.7	277 44	
119	70.48	9.1	20 5.17	18 54 50.4	281 26	18 3076 9^m.1
121	64	9.2	5.09	50.5	78 3[illegible]	9.2
116	70.46	9.1	20 5.46	16 21 40.1	278 52	
123	65	9.0		40.7	81 10	
125	67	9.2	5.38	40.2	81 10	
129	70.69	7.0	20 15.48	14 53 40.6	82 38	
134	73	6.6	15.42	40.6	277 26	
128	70.68	7.2	20 23.60	15 41 24.8	81 5[illegible]	
134	73	7(8)	23.50	23.5	278 14	
			18^h			
129	70.69	8.9	20^m 23.90	18° 4' 57.8	79 26	
223	71.59	9.0	23.93	58.0	79 26	
227	61	9.0	23.94	58.0	280 30	
123	70.66	9.1	20 —	16 3 3.7	81 28	
125	67	9.3	27.32	3.7	81 28	
226	71.61	9.0	27.35	4.7	278 34	Corr. [illegible]
228	61	9.5	27.43	4.2	278 34	[illegible]
111	70.43	8.5	20 28.67	16 46 55.6	279 18	
1[illegible]	[illegible]	8.6 W	28.66	56.0	80 44	
127	70.68	7.3	20 34.44	15 57 8.9	81 34	
225	71.60	7.1	34.41	9.5	278 28	
118	70.47	9.0	20 35.27	19 10 28.7	281 50	
120	62	9.1	35.27	28.7	78 12	
F.2	69.45		20 48.02	18 47 53.3	281 18	
123	70.66	8.4	48.02	53.8	78 44	
136	73	8.[illegible]	48.09	53.8	281 21	
118	70.47	8.0	20 55.18	19 6 34.2	281 38	
120	62	8.0	55.27	35.0	78 24	
119	70.48	8.0	20 58.97	18 55 13.7	281 20	
121	64	8.0	59.04	14.2	78 3[illegible]	
127	70.68	8.3	21 16.68	15 4 49.7	82 2[illegible]	
225	71.60	8.0	16.66	48.3	277 5[illegible]	
116	70.46	9.[illegible]	21 18.77	15 48 25.1	278 20	
130	70	9.0	18.77	24.9	81 42	
21	69.51	[illegible]	21 25.76	17 39 38.8	79 50	
223	71.59	8.[illegible]	25.80	38.5	79 52	
227	61	8.[illegible]	25.80	38.4	280 10	
228	61	[illegible]	25.83	39.5	280 12	
128	70.68	8.5	21 34.53	18 15 59.2	79 14	
130	73	8.[illegible]	34.49	59.3	280 48	
[illegible]	69.5[illegible]	[illegible]	21 35.05	16 34 10.4	279 1[illegible]	
123	70.66	9.0	—	12.1	80 5[illegible]	
125	67	9.[illegible]	35.03	11.7	80 5[illegible]	
12[illegible]	70.6[illegible]	8.2	21 36.89	20 7 13.8	77 24	
137	73	8.[illegible]	36.85 (4)	—	282 [illegible]	[illegible]
125	[illegible]	[illegible] schw.	36.79	12.0	282 38	[illegible]
F.2	69.45		21 37.68	18 56 14.0	281 26	
119	70.48	8.0	37.65	14.7	281 26	
121	64	8.8	37.64	14.7	78 34	
12[illegible]	70.65	7.7	21 50.03	17 20 30.5	80 4	Corr.
22[illegible]	71.61	8.4	50.79	30.7	279 58	
128	70.68	8.4	21 53.30	18 11 12.6	79 20	
130	73	8.0	53.31	11.7	280 42	
30	69.51	[illegible]	21 56.03	15 22 3.6	82 8	
225	71.60	8.4	55.95	3.7	277 54	
119	70.48	7.9	21 56.61	18 39 57.4	281 10	
127	68	8.0	56.60	57.6	78 50	
21	69.51	9.0	21 58.71:(4)	17 15 38.0:(4)	80 14	
122	70.65	9.3	58.81	38.3	80 16	
227	71.61	9.3	58.66	37.5	279 46	[illegible]
119	70.48	9.0	22 2.50	18 57 18.3	281 28	
121	64	9.1	2.38	18.5	78 34	[illegible]
118	70.47	9.2	22 8.78	19 7 24.0	281 58	
120	62	9.4	8.58	26.4	78 24	
119	70.48	9.0	22 13.44	18 32 22.8	281 2	
128	68	9.0	13.37	21.6	78 58	
F.2	69.45		22 17.61	19 13 9.2	281 44	Dpl. [illegible]
118	70.47	8.5	17.44	0.8	281 44	Dpl. [illegible]
		8.7	17.57	7.5	281 44	
129	69	8.5	17.57	1.6	78 18	[illegible]
		8.5	17.61	9.2	78 18	
130	70	8.3	17.33	2.1	78 18	[illegible]
		8.2	17.66	7.1	78 18	

[1] Decl. mit der Bd. II S. 679 angegebenen Corr. der Mikr.-Abl. berechnet.
[2] 16°3491 9^m.3

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
122	70.65	9.2 W.?	$22^m25^s.12$::(½)	$17°58'2''.3$::(½)	79°34'	
223	71.59	9.4	25.24	3.9	79 34	
227	61	9.2	25.20	4.9	280 28	
228	61	9.5	25.06	3.3	280 30	
228	71.61	9.2	22 26.84	18 8 0.0	280 40	Dpl.? [1]
120	70.62	8.9	22 28.12	19 14 14.2	78 16	
226	71.61	8.6	28.01	14.5	281 46	
121	70.64	9.2	22 29.33	18 3 57.2	79 28	
226	71.61	8.8	29.37	57.5	280 36	
121	70.64	9.3	22 39.16	18 8 8.7	79 22	18°3696 $9^m.4$
226	71.61	9.1	39.23	7.4	280 40	9.1
30	69.56	9‥8.9	22 44.67	15 0 56.4	82 28	
225	71.60	9.0	44.67	56.6	277 32	
21	69.51	h. 9	22 56.42	17 59 34.5	79 30	
127	70.68	9.0	56.43	34.0	79 32	
227	71.61	9.0	56.51	34.6	280 30	18°3699 $9^m.1$
228	61	9.0	56.43	33.8	280 32	» 9.1
116	70.46	9.3	23 4.15	16 9 2.9	278 40	
123	65	9.3	—	3.7	81 22	
125	67	9.3	4.12	2.8	81 22	
36	69.59	h.9-10‥9.0	23 5.24	16 0 58.5	278 32	
123	70.66	9.2	—	59.1	81 30	
125	67	9.2	5.25	59.2	81 30	
128	70.68	9.1	23 6.87	15 15 9.2	82 16	
225	71.60	9.1	6.79	9.9	277 46	
116	70.46	8.0	23 8.65	16 41 47.6	279 12	
123	65	8.5	—	47.3	80 50	
125	67	8.3	8.67	47.3	80 50	
F.2	69.45	—	23 12.88	14 54 37.6	277 26	
129	70.69	7.3	12.85	38.8	82 36	
134	73	7.5 (:)	12.85 (½)	38.1	277 26	
121	70.64	9.0	23 19.38	17 41 59.7	79 48	
226	71.61	8.3	19.42	42 0.5	280 14	
227	61	8.5	19.42	41 59.7	280 14	
36	69.59	8.9*	23 24.72	16 20 12.3	278 52	* höchstens 9^m
127	70.68	9.0	24.69	11.6	81 10	
227	71.61	9.4	23 26.41	18 10 0.7	280 42	
30	69.56	9	23 33.03	15 31 42.5	81 58	
225	71.60	9.1	32.95	42.0	278 2	
21	69.51	h. 7	23 50.50	17 54 13.1	79 36	
134	70.73	6.5 (:)	50.41	13.3	280 26	
223	71.59	7.2	50.47	11.6	79 38	
118	70.47	8.9	23 56.02	19 41 40.9	282 12	
120	62	8.3	56.10 (½)	42.6	77 50	
121	70.64	9.2	23 59.31	17 42 32.3	79 48	
226	71.61	9.1	59.46	31.5	280 14	
122	70.65	8.9	24 2.28	17 28 49.0	80 2	
228	71.61	8.8	2.37	48.7	280 0	
F.2	69.45	—	24 6.22	17 55 55.2	280 26	
21	51	h.8	6.07	54.8	79 34	
136	70.73	h.8	6.16	54.6	280 28	
223	71.59	8.2	6.17	55.6	79 36	
21	69.51	9	24 11.19	17 57 16.0	79 32	
136	70.73	9	11.24	13.3	280 28	
223	71.59	9.1	11.24	14.5	79 34	
122	70.65	8.7	24 12.39	17 20 36.4 (½)	80 10	
227	71.61	9.1	12.41	36.1	279 52	
228	61	8.9	12.31	35.5	279 52	

[1] $9^m.2$ u. $9^m.5$, 6" 150°±. — Z. 121: $9^m.4$; 226: $9^m.1$

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
127	70.68	7.7	$24^m14^s.30$	$17°31'5''.1$	80° 0'	Z.122: 7^m
134	73	7.0 (:)	14.25	4.1	280 2	» 228: 7.4
116	70.46	8.9	24 15.24	16 52 55.7	279 24	
123	65	8.6	·	55.8	80 38	
125	67	8.7	15.24	55.3	80 38	
30	69.55	h. 7-8	24 22.54	15 51 43.5	81 38	
134	70.73	6.8 (:)	22.54	43.3	278 24	
223	71.59	7.5	22.55	43.1	81 40	
119	70.48	7.7	24 35.22	18 30 19.0	281 0	
121	64	7.7	35.50	18.2	79 0	
116	70.46	8.9	24 38.89	16 33 37.6	279 4	
123	65	8.9	—	38.4	80 58	
125	67	8.8	38.87	36.7	80 58	
36	69.59	9 W.?	24 41.10	16 44 59.0	279 16	Bem. [2]
127	70.68	9.1 W.?	41.18	45 0.4 (½)	80 46	
118	70.47	9.2	24 49.94	19 2 26.5	281 34	
120	62	9.3	50.11	26.5 (½)	78 28	δ etw. uns.
128	68	9.1	50.03	27.3 (½)	78 28	
227	71.61	9.2	49.98	25.1	281 34	
122	70.65	8.8	25 6.24	17 3 44.1	80 28	
225	71.60	8.9	6.14	44.8	279 34	
118	70.47	9.2	25 18.39	20 3 15.5	282 34	
120	62	9.2	18.36	15.4	77 28	
30	69.55	9‥8.9	25 30.82	15 35 10.0	81 54	
116	70.46	9.2	30.79	9.9	278 6	
223	71.59	9.1	30.81	10.9	81 56	
F.2	69.45	—	25 30.88	16 50 37.2	279 22	
36	59	6	30.89	38.7	279 22	
127	70.68	6.0	30.87	36.7 (½)	80 40	
225	71.60	6.3	30.91	37.5	279 22	schwkd.
119	70.48	9.2	25 44.03 (2)	18 13 44.5	280 44	
121	64	9.1	44.19	43.3	79 18	
228	71.61	9.1	44.06	45.0 (½)	280 44	
121	70.64	8.5	26 8.13	18 2 1.9	79 28	
134	73	8.5	8.13	3.1	280 34	
128	70.68	8.6	26 9.05	18 7 23.0 (½)	79 24	
136	73	s. 8-9	9.16	22.5	280 40	
119	70.48	9.1	26 16.96	18 45 48.6	281 16	18°3715 $9^m.2$
128	68	9.2	16.91 (½)	47.1 (½)	78 45	
228	71.61	9.3	17.02*	48.2	281 16	* ohne F. 4
116	70.45	8.8	26 19.56	17 26 37.5	279 58	
122	65	8.7	19.52	37.0	80 4	
128	70.68	9.3	26 27.66	18 45 32.9	78 44	3 F.
228	71.61	9.3	27.75	31.6	281 16	
F.2	69.45	—	26 31.76	19 47 48.6	282 18	
118	70.47	8.6	31.80	50.5	282 18	
120	62	8.4	31.81	49.3	77 44	
128	70.68	9.2	26 34.98 (½)	17 47 30.8	79 44	1 F.
129	69	9.2	35.01	31.9	79 44	
226	71.61	9.0	35.08	33.5	280 18	
36	69.59	s. 9-10	26 39.82	16 19 38.0	278 50	
123	70.66	9.2	—	39.0	81 12	
125	67	9.3	39.90 (½)	37.8 (½)	81 11	
225	71.60	9.3	39.85	39.0	278 50	
122	70.65	9.0	26 50.03	17 17 57.8	80 14	17°3614 $9^m.2$
136	73	9	50.04	56.8	279 50	
227	71.61	9.1	50.00	57.9	279 50	17°3614 $9^m.3$
F.2	69.45	—	26 51.66	17 11 5.8	279 42	
127	70.68	8.5	51.59	7.5	80 20	Z.122: $8^m.9$
136	73	s. 8	51.70	7.2	279 42	

[2] bei A-Einst. s. schw.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18ʰ			
127	70.68	9.1	26ᵐ 52ˢ.98	17° 14′ 57″.2	80° 16′	
226	71.61	9.1	52.93	57.7	279 46	[1] Z. 227: 9ᵐ.0
118	70.47	8.5	26 55.09	19 22 27.3	281 43	19 3674 9ᵐ.0
120	62	8.6	55.04	27.3	78 8	9.2
227	71.61	8.5	55.00 [2]?	24.9	281 43	9.2
121	70.64	8.6	27 1.22	18 0 31.5	79 30	
137	74	8.9	1.28	32.6	280 32	
119	70.48	8.9	27 12.80	18 10 3.9	281 12	
129	69	8.5	12.75	10.8	78 50	
228	71.61	8.6	12.75	10.2	281 12	
129	70.69	8.0	27 17.45	18 0 19.0	79 27	
137	74	s.8-9	17.43	20.3	280 40	
122	70.65	8.7	27 18.92	17 12 44.6	81 18	
136	73	h.8-9	18.98 (½)	46.1	279 44	3 F.
21	69.51	8.9	27 25.60	17 23 20.1	81 6	
137	70.74	8.9	25.68	20.7	279 51	
223	71.59	9.0	25.57	21.4	80 8	
30	69.50	9-10	27 36.17	16 34 57.8	279 16	wenig sicher
123	70.66	9.4	—	57.0 (½)	80 36	
125	67	9.4	36.13	56.1 (½)	80 30	
225	71.60	9.4	36.11	57.0	279 16	
130	70.70	9.4	27 37.22 (½)	20 1 46.9 (½)	77 30	Z. 129: 9ᵐ.3
226	71.61	9.4	37.01 (½)	48.5 (½)	282 32	etw. uns.
227	61	9.3	37.02 (½)	47.9 (½)	282 31	Hgl.
118	70.47	8.7	27 37.57	19 1 38.0	281 52	
120	62	8.5	37.50	37.4	78 59	
130	70.70	9.3	27 40.42	20 1 34.2	77 28	Z. 129: 9ᵐ.3
226	71.61	9.3	40.36	36.7	282 32	
227	61	9.2	40.30	36.2	282 34	
129	70.69	6.8	27 47.10	18 40 33.3	78 1	
131	73	6.9	47.05	34.2	281 [illegible]	
30	69.56	9	27 50.75	15 13 20.3	82 16	
137	70.74	8.9	50.78	25.4	277 44	
223	71.59	8.9	50.83	25.5	82 18	
127	70.68	8.7	27 56.03	15 52 52.8	81 38	
138	74	9	56.04 (½)	53.6	278 24	3 F.
139	74	äu. schw.	55.86	50.9	278 24	sicher; Hgl. [−0.73
123	70.66	8.7	27	16 35 19.2	80 46	
125	67	8.3	57.06	19.5	80 45	
138	74	8-9	57.11	18.4	279 16	
30	69.56	8-9	27 57.64	15 15 28.2	82 14	
138	70.74	8-9	57.69	27.1	277 46	
223	71.59	8.7	57.62	27.0	82 16	
128	70.68	8.3	28 2.10	18 22 54.7	79 8	
136	73	h.8-9	2.12	56.6	280 24	
119	70.48	9.0	28 3.53	18 27 52.8	280 58	
129	69	9.0	—	53.7	79 4	
130	70	8.8	3.52 (½)	52.5 (½)	79 5	
228	71.61	9.0	3.54	53.7	281 0	
116	70.46	9.3	28 10.97	16 15 23.3	278 40	
123	65	9.1	—	22.4	81 20	
125	67	8.7	11.05	22.1	81 20	
21	69.51	8 u. 7	28 14.22	17 38 17.1	79 52	Dpl. 270° md.[1]
134	70.73	8.8:	14.01	17.0 (½)	280 10	Dpl. 3″ 270°
		7.5:	14.25	17.0 (½)	280 10	
223	71.59	9.0	13.95	18.3	79 54	[illegible] 3 270
		7.9	14.22	17.8	79 54	
127	70.68	8.5	28 23.52	15 36 7.3	81 5[illegible]	
139	74	8.5	23.50	6.6	278 8	

[1] 17° 3615 9ᵐ.3 [2] 3 Fäd. [3] R.A. gilt wohl für einen zwischen med. und seq. liegenden Punct.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18ʰ			
225	71.60	10	28ᵐ 38ˢ.50	16° 36′ 44″.7	279° 8′	
119	70.48	7.5	28 51.93	18 35 46.1	281 6	
121	64	7.0	52.00	44.9	78 56	
F.2	69.45		28 54.93	17 38 31.4	280 10	
21	51	8	54.95	30.5	79 52	
139	70.74	8.3	54.99 (½)	30.1 (½)	280 10	
30	69.56	8	28 55.51	15 7 59.7	82 22	s. schwkd.
138	70.74	8.8	55.63 (½)	59.0 (½)	277 40	
30	69.50	8.9	28 57.76	16 34 54.4	279 6	
122	70.65	9.0	57.80	56.3	80 56	
226	71.61	8.5	57.74	55.7	279 1	
121	70.64	8.8	29 0.57	18 1 25.9	79 30	
136	73	s.8-9	0.55	24.9	280 32	
116	70.46	9.0	29 13.51	16 52 4.0	279 22	
123	65	8.9		3.5	80 40	
125	67	8.9	13.40	3.0	80 40	
226	71.61	8.7	13.32	2.8	279 24	
21	69.51	8.9	29 16.60	17 48 4.5	79 42	
137	70.74	s.8-9	16.50	4.3	280 20	
127	70.68	8.1	29 27.20	15 0 29.2	82 30	
134	73	8.1	27.21	27.8	277 32	
30	69.50	s.8-9	29 31.04	16 35 5.6	279 6	
122	70.65	8.7	31.10	5.7	80 56	
225	71.60	8.1	31.10	5.1	279 6	Z. 226: 8ᵐ.0
119	70.48	9.0	29 38.97	18 36 35.6	281 8	
121	64	9.2	38.86	36.0	78 54	
121	70.64	8.1	29 40.61	18 1 17.7	79 30	
136	73	8.9	40.62	17.6	280 32	
F.2	69.45		29 42.13	18 6 18.2	280 38	
122	70.65	5.2	42.51 (½)	18.0 (½)	79 25	Z. 121: 5ᵐ
134	73	5.5	42.40	17.8	280 38	
128	70.68	8.6	29 49.91	15 22 15.8	82 8	Z. 127: 9ᵐ.2
137	74	8.9	49.86	16.0	277 54	
30	69.56	9-10	29 55.88: (½)	15 35 8.0: (½)	81 54	3 F.
223	71.59	9.5	55.80	5.5	81 56	wenig sicher
225	60	9.5	56.04	5.4	278 6	
118	70.47	9.0	29 59.42	20 5 30.0	282 36	
120	62	9.1	59.48	30.0	77 26	
227	71.61	8.8	59.42	29.9	282 36	
116	70.46	8.5	30 7.60	16 50 39.2	279 22	
123	65	8.4	—	37.8	80 40	
125	67	8.1	7.63	38.6	80 40	
226	71.61	8.0	7.47	39.2	279 22	
30	69.50	s.6, s.6	30 18.91	16 52 41.8	279 24	D. 2″ 205° md.[4]
125	70.67	7.8	18.88	39.0	80 38	Dpl. 2″.5 220°
		7.6	18.88	41.5	80 38	
225	71.60	7.4	18.80	39.2	279 24	[illegible] 3 [illegible]
		7.6	18.89	41.2	279 24	
F.2	69.45	—	30 33.36	19 46 53.8	282 18	
118	70.47	8.8	33.40	56.3	282 18	[5] Bern
127	68	8.5	33.39	54.5	77 44	
227	71.61	8.1	33.41	54.7 (½)	282 18	
128	70.68	8.5	30 40.31 (½)	20 3 58.1 (½)	77 27	
137	74	8.9	40.35	57.7	282 30	
118	70.47	7.2	30 56.15	19 54 18.4	282 24	
120	62	7.7	56.19	17.4	77 36	
227	71.61	7.5	56.21	18.9	282 26	
21	69.51	8.9	31 1.04	17 25 46.4	80 4	
116	70.46	9.1	1.14	46.9	279 56	
226	71.61	8.6	1.13	46.7	279 58	

[4] Z. 123: 2″ 210°, 7ᵐ.2 u. 7ᵐ.4; Z. 226: dpl. 5ᵐ
[5] in ruhigen Momenten 8ᵐ.5

[Zo]ne	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18h			
30	69.56	5.7	31m 3s.41	15° 20' 42".5	82° 10'	
34	70.73	7.0(:)	3.50	41.1	277 52	
23	71.59	7.1	3.51	41.2	82 10	
19	70.48	9.1	31 10.36	18 53 48.2	281 21	
21	64	9.0	10.37	47.7	78 38	
16	70.46	8.7	31 20.60	17 55 37.0	280 26	
22	65	8.4	20.61	39.4	79 30	
26	71.61	8.4	20.56	39.1	280 28	
19	70.48	8.0	31 21.34	18 50 35.8	281 22	
21	64	8.0	21.32	34.9	78 40	
18	70.47	8.7	31 23.60	19 19 23.2	281 50	
20	62	8.9	23.69	25.0	78 12	
27	71.61	8.8	23.63	24.2	281 50	
29	70.47	9.0	31 23.98	18 14 4.2	280 44	
25	67	9.0	23.91	3.4 (½)	79 18	
36	69.59	s.6 h.6-7	31 32.54	16 5 35.4	278 36	
23	70.66	7.0	32.53	34.4	81 24	
25	71.60	7.0	32.57	34.3	278 30	
[illegible]2	69.45	schw.	31 44.23	19 31 10.1	282 2	
18	70.47	9.1	44.29	11.8	282 2	
20	62	9.2	44.10*	11.8	78 0	* 44.26?
27	71.61	9.1	44.15	11.7	282 2	
21	69.51	s. 9	31 45.99	17 50 0.3	79 40	
23	71.59	9.3	46.15	49 59.0	79 42	
26	61	9.2	46.11	50 1.1	280 22	
21	69.51	9	31 48.55	17 44 38.9	79 46	17° 3660 9m
36	70.73	9	48.58	39.6	280 16	
23	71.59	9.0	48.51	38.7	79 46	17° 3660 9m.1
19	70.48	9.0	31 58.34	18 23 7.4	280 54	
21	70.64	8.2	32 3.47	18 38 29.4	78 52	
34	73	8.2	3.41 (½)	30.2 (½)	281 10	
36	69.59	9	32 12.76	16 14 23.1 (½)	278 46	
23	70.66	8.7	12.79	21.4	81 16	
25	71.60	8.5	12.78	22.1	278 46	
19	70.48	7.3	32 18.91	18 20 6.6	280 50	
21	64	7.4	18.93	6.7	79 10	
27	70.68	8.7	32 21.89 (½)	14 51 41.8 (½)	82 30	
38	74	h. 8-9	21.91	41.1	277 24	
[illegible]	69.56	9	32 29.62	15 29 31.6	82 0	
39	70.74	8.6:	29.60	32.5	278 0	
[illegible]	69.56	8	32 31.48	15 3 25.4	82 26	
38	70.74	h. 8	31.55	24.8	277 36	
18	70.47	8.8	32 31.97	20 3 21.8	282 34	
20	62	8.9	31.90	21.9	77 28	
27	71.61	8.7	31.94	22.0	282 34	
16	70.46	8.2	32 35.21	16 24 22.8	278 56	
23	65	8.5	35.25 (½)	23.1	81 6	3 F.
25	67	8.1	35.22	22.4	81 6	
21	69.51	9-8.9	32 41.47	17 51 16.7	79 36	
36	70.74	8.9	41.56	15.8	280 26	
23	71.59	9.1	41.53	16.8	79 38	
16	70.45	9.1	32 41.92	16 43 10.6	279 14	
27	67	8.9	41.83	9.2	80 48	
27	70.68	7.3	32 54.45 (½)	14 58 31.0 (½)	82 33	
39	74	6.5:	54.47	30.6	277 30	
36	69.59	h. 8	33 1.75	16 26 4.8	278 56	
23	70.66	7.9	—	3.9	81 4	
25	67	7.5	1.81	3.3	81 4	
25	71.60	7.6	1.78	3.0	278 58	
[illegible]	70.65	9.2	33 9.72	17 16 46.2	80 14	
[illegible]	73	8.9	9.77	43.8	279 48	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18h			
122	70.65	8.8	33m 10s.33	17° 46' 20".1	79° 44'	
130	73	8.8	10.27	21.6	280 18	
119	70.48	9.0	33 14.25	18 18 45.4	280 50	
121	64	9.0	14.17	44.5	79 12	
127	70.68	8.4	33 36.11	18 35 23.5	78 56	
134	73	8.0	36.16	24.2	281 6	
21	69.51	h. 8	33 41.97	17 57 43.7	79 32	
122	70.65	7.8	41.95	43.0	79 34	
134	73	7.5(:)	42.04	44.6 (½)	280 29	
119	70.48	9.1	33 45.32 (½)	18 47 28.3	281 18	3 F.
128	68	8.8	45.40 (½)	27.8 (½)	78 45	
30	69.56	9-8.9	33 47.21	15 32 54.0	81 56	
116	70.45	9.2*	47.30	53.8	278 4	* neblig? Bel.
226	71.61	9.0	47.37	54.5	278 4	[z. h.
118	70.47	8.7	33 59.36	19 8 16.3	281 38	
120	62	8.9	59.27	16.5	78 22	
227	71.61	8.7	59.32	16.9	281 40	
121	70.64	9.1	34 4.29	18 56 1.2	78 30	
137	74	9	4.29	0.6	281 28	
122	70.65	9.0	34 5.62	18 28 46.3	79 2	
137	74	s. 8-9	5.72	47.1	281 0	
122	70.65	8.5	34 8.49	17 53 41.8	79 38	
130	73	8.3	8.52	40.9	280 26	
30	69.56	7.8	34 9.41	14 58 37.0	82 32	
116	70.45	7.5	9.38	35.9	277 30	
223	71.59	7.3	9.45	35.2	82 32	
226	61	7.0	9.33	36.2	277 30	
21	69.51	7.8	34 22.29	17 29 24.9	80 0	
134	70.73	7.0(:)	22.34	26.0	280 2	
225	71.59	7.4	22.33	26.6	80 2	
118	70.47	8.6	34 24.55	19 18 13.4	281 48	
120	62	9.0	24.55	12.5	78 12	
228	71.61	8.8	24.53	11.6	281 50	Bel. sehr hell
127	70.68	8.6	34 26.89	19 57 45.4	77 34	
138	74	8.5	26.92 (½)	45.3 (½)	282 30	
36	69.59	h.9	34 30.57	16 23 30.5	278 54	
123	70.66	9.0	—	28.8	81 8	
125	67	8.8	30.58	28.9	81 8	
225	71.60	8.8	30.54	30.7	278 54	
36	69.59	h. 8.9	34 33.32	16 26 37.2	278 58	
123	70.66	8.6	—	39.6	81 4	
125	67	8.1	33.33	37.6	81 4	
225	71.60	8.2	33.47	38.4	278 58	
120	70.62	8.8	34 40.14	19 35 1.8	77 56	
137	74	h. 8.9	40.06	1.6	282 6	
228	71.61	8.5	40.19	0.9 (½)	282 6	
119	70.48	8.2	34 50.09	18 9 2.0	280 40	
121	64	8.0	50.07	2.5	79 22	
226	71.61	8.3	50.07	2.9	280 40	
120	70.62	8.5	34 54.44	19 35 57.0	77 56	s. unr.
137	74	s. 8	54.51	56.2	282 8	Z.116: 8-9m:
228	71.61	8.4	54.45	55.9	282 8	
118	70.47	8.6	35 12.67	19 51 58.1	282 22	Z.123: 8m.2
127	68	9.0[1]	12.54	56.4	77 40	" 125: 8m
227	71.61	8.8	12.52	56.9	282 24	
116	70.46	9.0	35 23.28	19 40 2.7	282 10	
122	65	9.0	23.20	3.9	77 52	
226	71.61	8.8	23.14	3.5	282 12	

[1] wohl Wolken

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18h			
118	70.47	8.5	35m26s.66	19° 49′ 24″.0	282° 20′	
123	66	8.3	—	24.9	77 42	
125	67	8.0	26.54	25.7	77 42	
227	71.61	8.5	26.55	25.6 (½)	282 20	
118	70.47	9.1	35 42.50	19 48 11.8	282 18	3 F.
21	69.51	8.9	36 4.83	17 46 21.8	79 44	
134	70.73	8.8	4.81	24.1	280 18	
223	71.59	8.4	4.87	22.4	79 40	
21	69.51	7.8	36 4.93	17 33 56.4	79 56	
134	70.73	7.6	4.94	56.6	280 6	
223	71.59	7.9	4.98	57.3	79 58	
119	70.48	9.1	36 24.53	18 49 14.5	281 20	
121	64	9.1	24.49	13.3	78 42	
228	71.61	9.1	24.60	12.6	281 20	
118	70.47	9.2	36 47.28	19 49 53.8	282 20	
120	62	9.2	47.25 (½)	—	77 —	2 F. — Z.123: [9m.2
F.2	69.45	—	36 49.32	19 50 54.6	282 22	
118	70.47	8.3	49.30	57.5	282 22	
120	62	8.2	49.36	56.0	77 40	
123	66	8.2	—	56.3	77 40	9m.2 3s v. 1′S.
228	71.61	8.5	49.31	55.6	282 22	
116	70.46	7.0	36 57.33	15 4 46.5	277 36	
127	68	7.5	57.33	46.7	82 26	
226	71.61	7.1	57.31	47.2	277 36	
21	69.51	h.8	37 4.21	17 35 54.0	79 54	
122	70.65	8.0	4.28	53.7	79 56	Z.125: h.8m
134	73	7.7	4.22	55.8	280 8	
118	70.47	9.3	37 5.52::	19 49 30.3::	282 20	
118	70.47	8.3	37 7.28	19 47 27.6	282 18	
120	62	8.4	7.39	28.7	77 44	
123	66	8.9	—	27.4	77 44	
228	71.61	8.8	7.31	28.5	282 18	
127	70.68	9.5	37 10.84	17 31 [27 ±]	80 0	Z.122: 9m
128	68	9.0	11.01 (½)	25.5 (½)	80 1	» 125: 9.4
134	73	9.3	10.98	24.9	280 2	
122	70.65	8.2	37 18.58	17 31 30.8	80 0	
125	67	8.1	18.50	32.0	80 0	
128	68	8.3	18.61	32.1	79 58	
134	73	8.0	18.52	31.3	280 2	
F.2	69.45	—	37 29.72	16 31 15.9	279 2	
116	70.46	8.0	29.80	16.3	279 2	
123	65	8.1	—	16.1	81 0	
125	67	7.9	29.73	16.2	81 0	
226	71.61	7.5	29.81	17.8 (½)	279 2	
21	69.51	s.9	37 31.73	17 21 42.7	80 8	
223	71.59	9.3	31.95	42.9	80 10	
122	70.65	7.7	37 34.58	17 57 22.2	79 34	
138	74	8.0	34.57	22.6	280 30	
120	70.62	9.2	37 37.41	19 46 29.9	77 44	
228	71.61	9.2	37.31	32.9	282 18	
21	69.51	s.9	37 42.68 (½)	17 20 --	80 —	3 F.
136	70.73	8.7	42.78	46.8	279 52	
223	71.59	9.0	42.81	45.9	80 10	
127	70.68	9.3	37 43.69	19 15 28.6	78 16	
136	73	8.2	43.73	28.0	281 46	
116	70.46	8.2	37 46.01	16 4 14.4	278 34	
123	65	8.3	—	15.2	81 26	
125	67	8.0	46.04	14.6	81 26	
226	71.61	7.8	46.00	15.8	278 36	
21	69.51	h.8	37 46.05	17 22 5.1	80 8	
136	70.73	7.0	46.18	5.9	279 54	
223	71.59	7.5	46.18	4.8	80 10	
			18h			
127	70.68	8.1	37m48s.15	19° 20′ 37″.6	78° 10′	
138	74	6.5	48.14	37.7	281 52	
121	70.64	8.9	37 50.16	18 39 54.9	78 52	
137	74	s.8	50.08	55.3	281 12	
122	70.65	9.1	37 50.75	17 30 50.7	80 0	
F.2	69.45	—	38 6.56	18 46 17.7	281 16	
119	70.48	8.5	6.44	19.0	281 16	
121	64	8.9	6.52	18.0	78 44	
118	70.45	8.7	38 24.39	19 41 36.6	282 12	
123	66	8.9	—	36.6	77 50	
125	67	9.0	24.43	36.7	77 50	
121	70.64	8.6 W.?	38 34.98	18 32 12.4	78 58	
137	74	8	35.08	12.1	281 4	
119	70.48	8.6	38 43.50	18 46 8.8	281 16	
121	64	8.4	43.57	8.5	78 44	
226	71.61	8.8	43.56	8.9 (½)	281 18	
122	70.65	7.7	38 43.75	18 4 24.4	79 26	
138	74	7.5	43.83	24.9	280 36	
120	70.62	9.1	38 50.43	19 54 0.8	77 36	
136	73	8.9	50.50	0.9	282 24	
228	71.61	9.0	50.45	1.2	282 26	
128	70.68	7.9	39 0.40	15 30 24.1	82 0	
138	74	8.0	0.39	24.9	278 2	
120	70.62	9.3	39 1.45	19 56 42.3	77 34	
136	73	9.1	1.45	42.8	282 28	
228	71.61	9.2	1.34	43.2	282 28	
120	70.62	9.3	39 1.93	19 56 6.4	77 34	
136	73	9.0	2.09	7.1	282 28	
228	71.61	9.2	2.06 (½)	6.3	282 28	3 F.
F.2	69.45	—	39 9.32	16 46 9.5	279 16	
116	70.46	9.1	9.24 (½)	10.4 (½)	279 16	1 F.
123	65	9.0	—	11.6	80 46	
125	67	9.1	9.26	10.5	80 44	
137	74	h.9	9.30	11.0	279 18	
128	70.68	8.8	39 11.20	18 37 57.4	78 52	
137	74	9	11.20	58.0	281 10	
119	70.48	8.4	39 13.27	18 44 48.9	281 16	
121	64	8.8	13.36	50.2	78 46	
119	70.48	9.2	39 24.35	18 44 59.1	281 16	
121	64	9.1	24.55	45 3.2	78 46	
21	69.51	h.8	39 35.49	17 50 8.5	79 40	
134	70.73	8.0	35.52	9.0	280 22	
223	71.59	7.8	35.58	8.1	79 42	
128	70.68	8.2	39 44.86	18 59 47.5	78 30	
137	74	h.8-9	44.88	47.5	281 32	
122	70.65	7.1	39 46.52	17 35 54.2	79 56	
134	73	7.1	46.44	56.0	280 8	
21	69.51	9	39 47.01	17 3 54.7	* 80 26	
134	70.73	8.8	47.16	56.9	279 36	
119	70.48	9.0	39 48.52	18 50 29.3	281 22	
128	68	8.7	48.49	29.4	78 40	
129	70.69	8.1	39 50.96	18 11 33.1	79 20	
139	74	8.5	50.96	33.8	280 42	
129	70.69	8.6	39 57.37	18 3 11.4	79 28	
138	74	8.8	57.36	11.3 (½)	280 34	
127	70.68	7.2	40 3.10	15 35 44.4	81 56	
140	74	h.7	3.16	44.3	278 8	
123	70.66	8.9	40 —	16 52 13.6	80 40	
125	67	9.0	4.32	14.3	80 38	
139	74	8.9	4.27	12.8	279 24	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
29	70.69	7.0	40^m $6^s.46$	19° 50′ 26″.2	77° 10′	
40	75	7	6.49	25.4	282 22	
28	70.68	8.3	40 9.84	18 48 15.6	78 42	Z.119: 9^m
38	74	8.9	9.84	15.7	281 20	
29	70.69	9.1	40 26.14	19 33 40.3	77 58	
36	73	9.3	26.10	41.5	282 6	
37	74	8.9	26.15	40.9	282 6	
30	70.70	7.4	40 35.05	18 21 25.5	79 10	
31	72	7.3	34.97 (½)	26.1 (½)	79 10	
39	74	6.6	35.02	26.1 (½)	280 53	
31	70.72	9.1	40 36.73 (½)	18 20 53.2 (½)	79 10	Z.130: $8^m.8$
39	74	9.0	36.72	53.4	280 52	
27	70.68	9.3	40 37.03	15 37 51.3	81 54	
37	74	h.9	37.24 (½)	52.8	278 10	3 F.
27	70.68	9.2	40 41.50	15 46 48.1	81 44	
36	73	9.0	41.52	48.6	278 18	
118	70.47	9.2	40 54.20	20 1 42.4	282 32	19°3782 $9^m.4$
120	62	9.3	54.21	42.2	77 30	
122	70.65	8.0	40 58.43	16 50 53.4	80 40	spl. (s. b. Bel.
134	73	7.7	58.36	54.3	279 22	
128	70.68	6.4	41 12.33	18 34 26.0	78 56	
140	74	5.6*	12.35	25.9	281 6	röthlich
119	70.48	9.3	41 15.65	18 58 25.7	281 30	
121	64	9.2	15.62	26.1	78 32	
26	71.61	9.4	15.59 (½)	27.4	281 30	
22	70.65	9.2	41 15.57	18 49 27.8	78 42	
38	74	9.1	15.71	29.8	281 22	
27	70.68	9.2	41 23.32	15 15 57.7	82 16	
30	70	9.2	23.48	57.0	82 16	
36	73	9.2	23.38	58.3	277 48	
16	70.46	7.7	41 —	16 23 33.2	278 54	
30	70	7.9	29.86	31.8	81 8	
40	74	[7.8 W.]	29.82	30.8	278 56	
30	70.70	4.0	41 30.10	18 2 36.5	79 28	
40	74	4.5 (W.)	30.04	36.9	280 34	
26	70.68	9.3	41 —	15 22 34.2	82 8	
129	69	9.1	31.43	34.9	82 8	
37	74	9	31.41	34.4	277 54	
123	70.66	7.4	41 —	16 40 28.1	80 44	
125	67	6.5	45.38	27.8	80 46	
134	73	6.5	45.41	27.3	279 18	
123	70.66	8.4	41 —	16 47 22.8	80 44	
125	67	8.2	47.32	21.2	80 44	
134	73	8.0	47.36	21.7	279 18	
127	70.68	9.0	41 50.07	15 28 56.7	82 2	15°3562 9^m
137	74	8.5	50.08	56.9	278 0	
126	70.68	8.0	41 —	15 22 41.0	82 8	
129	69	7.6	50.42	40.5	82 8	
139	74	7.2	50.45	40.5	277 54	
123	70.66	9.1	42 —	16 34 54.2	80 56	
125	67	9.2	8.69	53.4	80 56	
138	74	9.0	8.70 (½)	52.8	279 6	3 F.
118	70.45	8.4	42 9.36	19 44 52.2 (½)	282 16	
128	68	7.9	9.27	51.2	77 40	
126	70.68	9.0	42 —	15 26 2.4	82 6	
129	69	8.5	10.11	1.4	82 4	
137	74	7.9	10.01	2.4	277 58	
128	70.68	9.0	42 12.66	19 18 53.4	78 12	
136	73	8.5	12.64	54.1	281 50	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr	Bemerkungen
			18^h			
119	70.48	9.1	$42^m 18^s.46$ (½)	18° 58′ 3″.4	281° 28′	3 F.
121	64	9.1	18.42	3.0	78 32	
226	71.61	9.1	18.33 (½)	3.3	281 30	
130	70.70	8.3	42 21.98	16 8 17.6	81 22	
139	74	8.7	21.91	18.1	278 40	
227	71.61	8.3	21.90	19.0	278 40	
122	70.65	9.3	42 32.92	17 0 30.0	80 30	
134	73	9.1	32.95	30.7	279 32	
118	70.45	8.1	42 38.26	19 58 32.8	282 30	20°3936 9^m
120	62	8.3	38.20	33.9	77 32	
227	71.61	8.1	38.14	33.5	282 30	
129	70.69	7.2	42 43.39	15 15 24.3	82 16	
141	75	7	43.30	24.9	277 48	
142	75	8.7	43.36	25.3	277 46	
21	69.51	8.9	42 46.92	17 47 35.8	79 42	
138	70.74	9.2	47.08	38.0	280 18	
128	70.68	8.3	43 0.25	15 41 23.8 (½)	81 50	
141	75	8.9	0.17	22.7	278 12	
142	75	8.9 u. 8.0	0.21	22.7	278 12	
127	70.68	9.2	43 3.13	15 4 52.3 (½)	82 26	
137	74	8.8	3.23	52.1	277 36	
120	70.62	8.0	43 14.15	19 40 15.0	77 50	
140	74	8.5	14.15	15.0 (½)	282 12	
122	70.65	8.0	43 18.50	16 6 56.5	81 24	
139	74	8.2	18.53	55.4	278 38	
121	70.64	9.2	43 22.39	18 42 35.9	78 48	
136	73	9.0	22.51	35.2	281 14	
21	69.51	9	43 22.69	17 18 52.1	*80 12	
134	70.73	8.9	22.69	54.0	279 50	
120	70.62	6.2	43 26.12	19 11 25.5	78 20	
141	75	6	26.26	24.0	281 42	
142	75	6.5	26.27	24.4	281 42	
126	70.68	9.1	43 33.55	15 10 38.2	82 20	
130	70	9.0	33.69	37.4	82 20	
137	74	8.5	33.62	37.2	277 42	
127	70.68	8.9	43 34.16	15 28 8.8	82 2	
138	74	8.9	34.13	7.9	278 0	
122	70.65	8.8	43 34.36	16 10 54.8	81 20	
139	74	8.6	34.29	53.4	278 42	
119	70.48	8.5	43 39.28	19 0 22.8	281 30	19°3800 $9^m.3$
121	64	8.5	39.30	23.2	78 30	
226	71.61	8.6	39.27	23.4 (½)	281 32	19°3800 $9^m.3$
122	70.65	9.2	43 44.73	16 6 44.7	81 24	
138	74	9.0	44.79	43.8	278 38	
123	70.66	9.2	43 —	16 44 36.9 (½)	80 46	
125	67	9.3	49.30	35.3	80 46	
136	73	9.0	49.46	36.3 (½)	279 16	
120	70.62	8.6	43 55.82	19 34 34.2	77 56	
139	74	8.8	55.75	33.6	282 6	
119	70.48	9.0	43 59.63	18 2 44.4	280 32	
121	64	8.4	59.62	45.7	79 28	
227	71.61	8.6	59.52	44.5 (½)	280 34	
127	70.68	7.1	44 4.79	15 47 36.6	81 44	
141	75	7.3	4.73	34.3	278 18	
142	75	7.1	4.78	35.1	278 18	
126	70.68	8.3	44 21.44	15 9 52.5	82 22	
137	74	7.2	21.43	51.7	277 42	
123	70.66	9.0	44 —	15 58 37.1	81 32	
125	67	9.1	31.82	37.4	81 32	
137	74	8.3	31.82	37.0	278 30	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18h			
119	70.48	8.2	44m 45s.86	18° 15' 30".8	280° 46'	
121	64	8.0	45.94	30.0	79 16	
134	70.73	9.1	44 51.24	17 51 6.8	280 22	
126	70.68	9.0	44 56.80	15 47 29.6	81 44	
136	73	9.0	56.74	28.7	278 18	
129	70.69	9.3	45 0.92	15 21 24.9	82 16	
128	70.68	9.1	45 15.78	19 45 22.4	77 46	
138	74	9.3	15.74	23.2	282 16	F.id. st. schl
127	70.68	9.0	45 20.65	14 52 28.7	82 38	
137	74	8.4	20.76	28.7	277 24	
126	70.68	9.2	45 29.93	15 49 32.0	81 42	
136	73	9.1	29.90	31.7	278 20	
21	69.51	9	45 34.56	17 51 58.2	79 38	
134	70.73	8.8	34.62	59.5	280 24	
128	70.68	8.8	45 38.56	19 15 2.1	78 16	
138	74	8.8	38.50	1.8	281 46	9m par. v.[1]
126	70.68	9.3	45 44.55	15 51 15.6 (½)	81 40	
136	73	9.0	44.49	17.3 (½)	278 22	
121	70.64	8.3	45 46.68	18 31 36.3	79 0	
139	74	8.3	46.76	35.1	281 4	
123	70.66	9.3	45 —	16 50 39.3	80 40	
125	67	9.3	46.78	39.1	80 40	
138	74	9.1	46.82	38.9	279 22	
21	69.51	8.9...8.8...	45 50.05	17 11 53.7	80 18	
134	70.73	8.4	50.21	55.3	279 44	
127	70.68	8.6	45 52.77	18 21 13.3	79 10	
139	74	8.7	52.84	13.0	280 52	
127	70.68	9.1	45 57.09	18 22 13.1	79 8	
139	74	9.2	57.12	13.2	280 54	
123	70.66	8.4	46 —	16 25 55.7	81 6	
125	67	8.5	0.43	55.9	81 6	
140	74	8.8	0.44	54.3	278 58	
123	70.66	8.6	46	16 48 47.2	80 42	
125	67	8.6	12.38	47.2	80 42	
138	74	7.5	12.39	47.2	279 20	
122	70.65	9.1	46 17.12	17 54 55.3	79 36	
134	73	8.5	17.10	56.0	280 26	
127	70.68	9.1	46 23.09	16 56 18.2	80 34	
138	74	8.3	23.13 (½)	18.3	279 28	1 F
126	70.68	8.5	46 35.56	15 54 24.7	81 36	
136	73	8.2	35.52	25.1	278 26	
123	70.66	8.9	46 —	16 22 28.0	81 8	
125	67	9.1	36.17	28.2	81 8	Com. 350" ?:
139	74	8.8	36.19	28.5	278 54	
126	70.68	8.7	46 44.45	15 55 57.9	81 36	
136	73	8.2	44.42	58.2 (½)	278 28	
127	70.68	9.1	46 52.44	18 9 51.0 (½)	79 20	
137	74	9.1	52.55	51.2	280 42	
226	71.61	9.2	52.53	52.5	280 42	
21	69.51	8.9	46 54.92	17 20 48.9	80 10	
139	74	8.9	54.91	49.8	279 52	
122	70.65	9.1	46 56.55	17 1 49.6	80 30	
140	74	8.9 (W.?)	56.46	47.3	279 34	
141	75	äu. schw.	56.49 (½)	—	279 —	1 F — Hgl [−°058
142	75	9.0	56.62	48.2	279 34	
121	70.64	9.2	47 2.34	18 30 58.1	79 0	
142	75	9.1	2.34	59.3	281 2	
			18h			
121	70.64	9.3	47m 24s.16	18° 3' 24".4	79° 28'	
137	74	9.3	24.15	25.0	280 34	
122	70.65	8.5	47 25.34	17 11 59.0 (½)	80 20	
134	73	8.0	25.41	12 0.7	279 44	
127	70.68	8.9	47 41.32	18 11 57.2	79 18	
137	74	7.8	41.26	58.2	280 44	
226	71.61	8.6	41.27	58.1	280 44	schw.d.
116	70.46	8.8	47 —	16 44 54.3	279 16	
123	65	8.7	—	57.3	80 46	
125	67	9.0	45.06	56.9	80 46	
138	74	8.0	45.03	57.9	279 16	
21	69.51	8.8.9	47 47.04 (½)	17 7 12.0	80 24	3 F
134	70.73	9.0	47.29	11.0	279 38	
122	70.65	8.2	47 56.64	17 52 5.4	79 40	äu. unr., dp[?]
134	73	7.8	56.58	6.3	280 24	
121	70.64	8.2	48 3.28	18 3 29.5	79 28	
137	74	7.2	3.28	29.2	280 34	
128	70.68	9.0	48 5.93 (½)	18 51 58.7 (½)	78 39	
140	74	8.5	5.86	59.2	281 24	
120	70.62	9.4	48 8.43	19 6 24.5	78 24	
136	73	9.2	8.42	24.2 (½)	281 38	
127	70.68	8.1	48 17.08	15 6 22.7	82 24	
139	74	8.3	17.05	22.3	277 38	
127	70.68	7.4	48 27.08	14 51 10.5	82 40	
140	74	6.5	27.04	9.9	277 22	
121	70.64	8.4	48 40.54	18 10 2.5	79 22	
137	74	7.7	40.43	3.2	280 42	
226	71.61	8.5	40.38	3.7	280 42	
120	70.62	9.4	48 44.72	19 9 42.4	78 22	
136	73	9.3	44.78	43.4	281 42	
21	69.51	8.9	48 52.38	17 27 28.1	80 2	
134	70.73	9.3	52.48	30.1	279 58	
120	70.62	9.1	48 54.52	19 24 19.5	78 8	
136	73	9.1	54.53	18.7	281 56	
134	70.73	9.1	48 58.44	18 2 0.5	280 34	
119	70.48	8.5	49 0.22	18 27 29.5	280 58	
121	64	8.3	0.19	31.0	79 4	
226	71.61	8.7	0.13	31.3	280 58	
122	70.65	9.1	49 2.95 (½)	18 1 9.6	79 30	
134	73	8.7	3.00	8.7	280 32	
126	70.68	7.3	49	15 11 11.6	82 20	
128	68	7.3	8.50 (½)	12.3 (½)	82 21	
139	74	6.8	8.55	12.2	277 42	
125	70.67	9.3	49 12.64	16 33 43.5	80 58	
120	70.62	9.2	49 13.23	19 40 47.5	77 50	
138	74	9.2	13.10	46.7	282 12	
119	70.48	8.4	49 15.03	18 48 1.0	281 18	
121	64	8.6	14.98	0.0	78 44	
226	71.61	8.8	14.97	1.0	281 20	
120	70.62	7.5	49 15.29	19 41 11.1	77 50	
138	74	6.8	15.40	11.3	282 12	
116[2]	70.46	9.0	49 —	16 34 56.5	279 6	Dpl. 15"±
		9.3	—	54.9	279 6	105°±
123[2]	65	9.1	—	55.2	80 56	Dpl. 12" 95°
		9.3		54.7	80 56	
125	67	9.0	28.79	56.6	80 56	
		9.3	29.65	53.6	80 56	
138	74	8.8	28.91	55.4	279 6	12 [illegible]
		9.2	29.73	54.7	279 6	

[1] 30" oder mehr, kein Stern in B.D.

[2] 16°3664 Z.116 9m.2 Z.123 9m.1

Zone	Ep	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18h			
26	70.68	8.5	49m55s.63	15° 41′ 14″.3	81° 50′	
39	74	7.9	55.63	15.6	278 12	
27	70.68	8.2	49 55.91	19 3 20.5	78 28	
41	75	8.0	55.88	20.9	281 34	
20	70.62	9.0	50 4.30	20 6 30.8	77 24	
36	73	8.2	4.27	30.5	282 38	
26	70.68	7.8	50 —	15 12 23.2	82 18	
28	68	7.8	26.33	22.8	82 20	
37	74	6.5	26.29	22.7	277 44	
23	70.66	9.2	50 —	16 36 50.5 (½)	80 54	
25	67	9.2	29.55	51.1	80 54	
37	74	9.0	29.61	51.3	279 8	
21	69.51	5.7	50 32.15	17 50 6.4	79 16	
43	70.75	7.0	32.20	6.1	280 22	
22	70.65	5.5	50 35.26 (½)	17 57 1.8	79 34	
42	75	6.4	35.28	2.6	280 28	
21	69.51	9	50 41.37	17 47 55.0	79 42	
34	70.73	8.8	41.46	54.7	280 20	
119	70.48	8.3	50 49.32 (½)	18 12 12.4 (½)	280 42	18°3883 9m.4
121	64	8.5	49.26	11.6	79 18	
227	71.61	8.5	49.22	11.6	280 44	
126	70.68	9.3	50 —	15 13 42.1	82 18	
128	68	9.1	52.51	41.0	82 18	
137	74	9.0	52.61	42.8	277 46	
120	70.62	8.1	50 52.86	19 41 10.8 (½)	77 50	
139	74	7.8	52.87	10.9	282 12	
122	70.65	9.0	50 53.22	17 29 35.5	80 2	
134	73	8.7	53.33	36.2	280 2	
127	70.68	9.0	51 15.78 (½)	15 36 5.7	81 56	
136	73	8.4	15.75	5.2	278 8	
123	70.66	8.2	51 —	16 34 4.2	80 58	
125	67	8.3	30.60	2.9	80 58	
138	74	8.0	30.59	3.1	279 6	
119	70.48	8.0	51 49.80	18 41 2.3	281 12	
121	64	8.2	49.73	2.9	78 50	
226	71.61	8.2	49.83	3.2	281 12	
122	70.65	9.3	51 50.20	17 30 37.6	80 0	
134	73	9.2	50.26	37.7	280 2	
121	70.64	8.1	51 56.17	18 25 22.5 (½)	79 6	
139	74	7.8	56.17	22.8	280 56	
227	71.61	9.3	52 3.28	17 40 40.1	280 12	etw. uns.
122	70.65	8.3	52 12.44	17 56 53.8	79 34	
138	74	7.5	12.47	54.8	280 28	
227	71.61	7.8 sic	12.47	53.2	280 28	
21	69.51	8.9	52 17.19	17 48 27.4	79 42	
134	70.73	9.1	17.32	29.5	280 20	
21	69.51	8.9	52 20.87 (½)	17 40 51.2	79 50	3 F.
134	70.73	9.1	21.01	50.1	280 12	17°3703 9m.2
227	71.61	9.3	20.76	50.4	280 12	
126	70.68	8.4	52 24.52	15 3 21.0	82 28	15°3634 9m
137	74	8.2	24.54	22.6	277 34	
127	70.68	5.0	52 41.01	17 11 30.5	80 20	
140	74	6	41.02	30.8	279 42	
126	70.68	9.0	52 47.10	15 25 24.0 (½)	82 6	
137	74	8.9	47.05	25.1	277 56	
120	70.62	8.5	52 51.19	19 58 15.5	77 32	
136	73	7.6	51.24	16.2	282 30	
126	70.68	9.3	52 52.78	15 8 23.8	82 22	
137	74	9.1	52.77	24.4	277 40	
141	75	9.1	52.77	23.7	277 40	
121	70.64	8.9	52m59s.47	18° 21′ 22″.4	79° 10′	
138	74	7.3	59.53	23.5	280 52	
119	70.48	8.6	52 59.73	18 43 41.0	281 14	
128	68	8.8	59.74	40.2	78 48	
226	71.61	8.9 sic	59.59	42.0	281 14	
119	70.48	9.2	53 2.54	18 49 40.3	281 20	
128	68	9.1	2.47	40.1	78 42	
226	71.61	9.1	2.44	41.1	281 20	
120	70.62	9.1	53 13.70	19 25 44.8	78 6	
136	73	8.9	13.66	44.4	281 58	
129	70.69	8.8	53 14.80	19 20 56.9	78 10	19°3855 9m.2
136	73	8.8	14.79	57.3	281 52	
129	70.69	7.3	53 18.93	19 37 32.5	77 54	
140	75	6.7	18.99	33.7	282 8	
130	70.70	9.1	53 30.84	17 29 12.4	80 2	
134	73	9.1	30.75	12.3	280 0	
127	70.68	7.4	53 31.64	14 57 38.6	82 34	
139	74	6.5	31.75	38.2	277 28	
225	71.60	7.0	31.74	38.4	277 30	
129	70.69	8.8	53 33.80	19 0 58.5	78 30	18°3900 9m.4
137	74	8.6	33.75	59.0	281 32	
130	70.70	8.8	53 34.89	17 59 58.8 (½)	79 32	
134	73	8.9	34.86	58.3 (½)	280 30	
129	70.69	8.7	53 37.33	19 28 7.4	78 4	
136	73	8.0	37.34	7.6	282 0	
130	70.70	9.0	53 44.01	20 8 31.5	77 22	
137	74	9.1	44.12	33.7	282 40	
128	70.68	8.7	53 46.75	18 31 44.8	79 0	
138	74	8.2	46.72	45.2	281 2	
125	70.67	8.6	53 51.67	16 55 35.1 (½)	80 36	Z.123: 8m.5
140	75	8.9	51.62	35.8	279 26	
127	70.68	9.2	54 3.57	14 57 26.4	82 34	
139	74	9.2	3.55	26.0	277 28	
142	75	9.1	3.66	27.1	277 28	
129	70.69	8.4	54 3.81	19 30 40.6	78 0	
136	73	7.7	3.81	41.6	282 2	
125	70.67	7.0	54 6.23	16 5 9.1	81 26	
141	75	7.2	6.27	9.8	278 36	
131	70.72	9.2	54 6.71	16 44 14.8	80 48	
137	74	9.2	6.70 (½)	15.7 (½)	279 16	
131	70.72	8.5	54 7.49	18 15 12.9	79 16	
138	74	8.0	7.53	13.9	280 46	
129	70.69	8.0	54 8.58	19 26 9.8	78 4	
136	73	8.1	8.56	10.4	281 58	
128	70.68	9.1	54 8.82	18 44 57.4	78 46	
140	74	8.5	8.75	58.9	281 16	
131	70.72	7.8	54 9.31	19 18 55.7	78 12	
141	75	7.2	9.30	55.6	281 50	
127	70.68	8.8	54 35.77 (½)	15 10 29.0 (½)	82 21	
139	74	8.4	35.80	28.1	277 42	
128	70.68	9.3	54 37.36	18 34 35.2	78 56	
138	74	9.2	37.44	35.7	281 6	
119	70.48	8.5	54 39.24	16 50 38.3	279 22	
130	70	8.9	39.23	37.9	80 40	
128	70.68	9.0	54 51.48	19 20 7.5	78 10	
137	74	8.5	51.41	8.3	281 52	

* Nr. 7134: λ Aquilae, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
122	70.65	(9.1)	$54^m 53^s.44$	$17° 50' 25''.8$	$79° 42'$	$17° 3810$ $9^m.1$
134	73	8.5	53.36 (½)	25.0 (½)	280 22	
121	70.64	8.1	55 4.00	18 17 23.5	79 14	
138	74	7.5	4.03	23.3 (½)	280 48	
127	70.68	9.2	55 4.23	20 1 7.0	77 30	Bel. zu hell
139	74	9.3	4.34	8.8	282 32	
127	70.68	8.0	55 8.56	15 7 1.5	82 24	
139	74	8.0	8.53	7.1	277 38	
129	70.69	8.5	55 11.84	19 49 34.7 (½)	77 42	
136	73	7.9	11.86	43.7	282 20	
123	70.66	9.2	55 15.37	16 14 34.3	81 16	$16° 3607$ $9^m.2$
121	70.64	9.3	55 17.21	18 55 11.5	78 30	
131	70.72	10.5	55 17.6 ±]	18 59 –	78 —	
223	71.59	10	17.79	42.4	78 32	$18° 3011$ $9^m.5$
226	61	9.8	17.62	44.2	281 30	9.4
227	61	9.9	17.57	43.4	281 30	• 9.5
228	61	9.9	17.74 (½)	43.8 (½)	281 30	• 9.3
131	70.72	9.0	55 19.09	18 28 43.5	79 2	
140	74	8.8	19.10	45.4	281 0	
129	70.69	8.9	55 22.15	19 46 39.5	77 44	
136	73	8.2	22.23	40.7	282 18	
122	70.65	(9.3)	55 22.16	17 2 36.2	80 28	
134	73	9.1	22.21	35.9 (½)	279 34	
130	70.70	9.3	55 27.45	19 10 15.3 (½)	78 20	
139	74	9.4	27.44	15.5	281 42	
126	70.68	8.0	55 30.24	15 30 32.7	82 2	
140	75	h.8	30.23	31.2	278 2	
141	75	7.7	30.21	32.4	278 2	
133	70.72	9.1	55 32.67	19 3 21.8	78 28	
138	74	9.3	32.65	23.1	281 34	
120	70.62	8.3	55 35.78	19 50 55.1 (¾)	77 40	
135	73	—	35.79	55.4 (½)	282 22	
136	73	7.5	35.78	55.5	282 22	
130	70.70	7.1	55 37.55	19 8 2.6	78 22	
139	74	6.0	37.56	3.9	281 40	
228	71.61	9.6	55 38.32	18 59 21.6	281 30	
126	70.68	8.8	55 39.61	15 38 18.4	81 54	
141	75	8.8	39.56	20.1	278 10	
127	70.68	7.5	55 43.66	19 58 55.5	77 32	
141	75	7.0	43.68	57.6	282 30	
228	71.61	9.7	55 44.07	18 58 54.2	281 30	
126	70.68	9.0	55 44.33	15 30 14.5	82 2	
140	74	h.9	44.31	13.7	278 2	
141	75	8.0	44.25 (½)	13.5	278 2	1 F.
142	75	8.9	44.30	14.0	278 2	
122	70.65	(9.3)	55 47.02	17 12 51.4	80 18	
142	75	9.2	47.17	52.0	279 44	
119	70.48	8.6	55 48.41 (½)	18 20 39.0 (½)	280 52	
125	67	8.9	48.38	39.8	79 10	
226	71.61	8.5	48.34	41.0	280 52	
131	70.72	8.5	55 53.45	16 12 49.0	81 18	
142	75	8.9	53.42	50.0	278 44	
123	70.66	9.0	56 0.03	18 4 48.6	79 26	
137	74	8.8	0.06	51.0	280 36	
126	70.68	9.2	56 1.73	15 35 15.6	81 56	
140	74	9.2	1.80	14.5	278 6	

[1] $19° 3876$ Z. 226 $9^m.6$, 227 $9^m.4$, 228 $9^m.4$. Z. 227 noch 2 ·· $9^m.5$ etwa par. folg.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
120	70.62	6.0	$56^m 20^s.58$	$19° 19' 50''.2$	$78° 12'$	
136	73	8.3	20.60	50.7	281 52	
121	70.64	7.8	56 25.13	18 59 29.6	78 32	
142	75	8.2	25.15	30.0	281 30	Dpl. 0″.8 215° med.
121	70.64	6.0	56 28.52	18 56 44.2	78 34	
142	75	7.2	28.52	44.6	281 28	
126	70.68	9.1	56 51.19	15 57 15.6	81 54	
137	74	9.0	51.25	15.8	278 8	
121	70.64	9.0	56 54.90	18 52 43.3	78 38	Z. 131. h. 9^m
138	74	8.4	54.80	43.8	281 24	133 9
122	70.65	(9.3)	56 56.16	17 49 15.5	79 42	$17° 3820$ $9^m.1$
134	73	9.2	56.07	15.5	280 20	
125	70.67	9.0	56 57.16	18 22 11.1	79 8	
140	75	8	57.20	12.4	280 54	
125	70.67	8.0	57 12.76	18 11 34.6	79 20	
140	75	8	12.75	35.5	280 44	
127	70.68	8.0	57 17.41	18 49 21.8	78 42	
128	68	8.7	17.46	22.3	78 42	
131	72	8.5	17.46	21.3	78 42	
133	72	8.6	17.42	21.8	78 42	
138	74	8.5	17.54	21.9	281 20	
226	71.61	8.6	17.36	22.9	281 20	
128	70.68	9.1	57 18.64	18 36 40.8	78 54	
139	74	9.1	18.63	42.5	281 8	
122	70.65	(9.4)	57 19.29	17 11 21.3	80 20	
141	75	9.1 sic	19.12	20.5	279 42	
120	70.62	8.3	57 20.13	19 33 47.3	77 58	
135	73	8.0	20.13	48.0	282 6	
38	69.77	6	57 25.72	19 28 49.3	282 0	
120	70.12	6.1	25.78 (¾)	49.8 (¾)	78 2	
126	70.69	7.9	57 31.82	17 39 14.9	79 52	
134	73	8.5	31.78	14.3	280 10	
133	70.72	9.4	57 32.35 (¾)	14 59 5.3	82 32	2 F.
137	74	9.3	32.34	7.0	277 30	
121	70.64	9.1	57 35.10	19 0 46.7	78 30	
139	74	9.3	35.04	45.8	281 32	
127	70.68	9.1	57 35.51	14 59 19.6	82 32	Bem [1]
133	72	9.2	35.44	17.1	82 32	
137	74	9.1	35.51	19.4	277 30	
133	70.72	9.4	57 36.60 (¾)	14 59 8.1	82 32	2 F
137	74	9.2	36.60 (¾)	10.3	277 30	3 F
126	70.68	8.7	57 37.95	15 25 33.3	82 6	
139	74	8.8	37.87	33.8	277 56	
132	70.73	9.0	57 50.89	20 5 31.9	282 36	
129	70.69	8.3	57 51.75	17 39 46.0	79 52	
134	73	8.3	51.68	45.3	280 10	
123	70.66	7.3	57 52.70	16 53 15.5	80 38	
140	74	7.5	52.74	15.5	279 24	
122	70.65	(9.4)	57 58.30	17 47 33.2	79 44	
134	73	9.4	58.25	34.0	280 18	
130	70.70	7.4	58 0.24	17 5 59.9	80 24	
141	75	6.8*	0.17	58.9	279 38	* schw. röthl.
123	70.65	8.0	58 7.16	16 47 8.7	80 44	Com $9^m.3$
142	75	8.3	7.22	10.5	279 18	$9^m.5$ 20′ 25″
123	70.66	8.9	58 17.60	16 49 40.9	80 42	
139	74	8.0	17.54	42.6	279 20	
129	70.69	8.5	58 17.72	20 4 45.0	77 20	

[1] $14° 3759$ $9^m.3$, 3761 $9^m.2$

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			18^h			
129	70.69	9.0	58^{m}19^s.29	18° 6′ 20″.5	79° 24′	
136	73	9.0	19.16 (½)	21.0 (½)	280 30	
137	70.74	9.3	58 25.21	14 55 34.8	277 26	
125	70.67	7.2	58 25.24	16 16 53.1	81 14	
140	75	7 orge	25.26	52.8	278 48	
127	70.68	9.2	58 26.32	18 51 14.4	78 40	
138	74	9.3	26.35	17.1	281 22	
226	71.61	9.1	26.33	16.5	281 22	
127	70.68	7.5:	58 27.41	14 55 1.1	82 36	14°3770 s. 9^m
137	74	7.3	27.48	2.4	277 26	
130	70.70	7.2	58 35.22	17 22 9.8	80 8	
141	75	7.0	35.21	10.8	279 54	
17	69.50	9	58 37.99	19 47 39.0	282 18	
20	51	9	38.06 (½)	42.8	77 42	2 F.
223	71.59	8.9	38.15 (½)	41.4 (½)	77 44	
128	70.68	9.3	58 41.86	18 35 53.1 (½)	78 56	
130	70	9.1	41.98	52.7	78 56	
136	73	9.3	42.03	54.9	281 8	
125	70.67	9.2	58 42.41	16 28 12.3	81 2	
138	74	9.1	42.43	13.6	279 0	
129	70.69	9.1	58 48.69	18 10 20.1	79 20	
142	75	9.2	48.58	20.1	280 42	
128	70.68	8.7	58 51.05	18 34 50.9	78 56	
130	70	8.0	51.15	50.7	78 56	
136	73	8.3	51.10	52.2	281 6	
125	70.67	8.8	58 56.04	16 38 9.7	80 52	
138	74	8.2	56.09	10.9	279 10	Z. 140 : h. 9^m
129	70.69	7.8	58 59.22	17 30 3.0	80 2	
134	73	7.8	59.22	3.6	280 0	
125	70.67	9.2	59 3.99	16 40 54.9	80 50	Z. 138 : 8^m.5
140	75	9	3.92	54.9	279 12	
130	70.70	8.9	59 9.71	16 14 58.3	81 16	
139	74	8.5	9.62	58.2	278 46	
128	70.68	9.1	59 10.45	18 23 21.5	79 8	
142	75	9.1	10.47	22.7	280 54	
131	70.72	9.1	59 12.13	15 14 13.4	82 18	
137	74	h. 9	12.20	13.5	277 46	15°3678 9^m
131	70.72	7.4	59 13.96	15 32 58.5 (½)	81 58	
141	75	7.2	14.00	58.5	278 4	s. unr.
125	70.67	8.5	59 20.88	16 50 42.9	80 40	
139	74	7.8	20.93	43.0	279 22	
131	70.72	7.1 orge	59 24.09	18 57 26.1	78 34	
142	75	7.0	24.02	25.5	281 28	
129	70.69	7.1	59 27.71	19 4 55.8	78 26	
135	73	7.0	27.65	54.7	281 36	
122	70.65	(9.3)	59 55.88	16 44 36.8 [1]	80 40	
138	74	8.8	55.89	37.4	279 16	
			19^h			
17	69.49	s. 8-9	0 2.01	19 50 7.6	282 20	
20	51	s. 8-9	2.05	8.2	77 40	
121	70.64	8.8	0 15.58	18 55 21.1	78 38	
136	73	8.6	15.70	22.0	281 24	
127	70.68	9.1	0 22.93	15 0 21.3	82 30	
137	74	9.2	23.05	21.5	277 32	
135	70.73	8.5	0 24.57	20 10 22.8	282 42	
121	70.64	8.7	0 24.78	18 55 5.6 (½)	78 36	
136	73	8.8	24.91	6.9 (½)	281 26	
			19^h			
121	70.64	9.2	0^{m}32^s.04	18° 54′ 48″.0	78° 36′	
136	73	9.3	31.97	48.8	281 26	
128	70.68	9.1	0 40.39	20 9 22.7	77 22	20°4042 9^m.0
135	73	8.8	40.40	22.1	282 40	
126	70.68	7.5	0 40.85	15 40 13.8	81 52	
139	74	6.9	40.83	12.7	278 12	
17	69.50	s. 8-9 - h. 9	0 45.55	19 32 1.0	282 2	
20	51	s. 8-9	45.60	3.8	77 58	
226	71.61	8.9	45.59	2.3	282 4	
125	70.67	9.3	0 46.70	16 11 8.8	81 20	16°3734 9^m.5
137	74	9.0	46.83	8.7	278 42	
123	70.66	8.8	0 51.49	16 42 18.2	80 48	
138	74	8.7	51.48	18.0	279 14	
120	70.62	9.4	0 57.50	19 2 27.5	78 28	
135	73	9.2	57.51	27.2	281 34	
126	70.68	8.0	1 9.81	15 45 51.1	81 46	
138	74	7.5	9.76	49.2	278 18	
17	69.50	s. 8-9	1 16.94	19 7 3.1	281 38	
20	51	8-9	17.07	3.8	78 24	
226	71.61	9.1	16.93	2.5	281 38	
123	70.66	8.1	1 33.34	16 52 23.1	80 38	
137	74	7.0	33.38	24.4	279 24	
122	70.65	(9.1)	1 35.31 (½)	17 42 0.3 (½)	79 50	
134	73	9.0	35.19 (½)	0.3	280 14	
123	70.66	8.7	1 40.49	16 51 23.9	80 40	
137	74	8.3	40.64	24.0	279 22	
123	70.66	9.2	1 49.71	16 52 24.6	80 38	
38	69.77	9 s. schw [1]	1 51.73	19 52 23.4	282 24	[1] Dämm.; Hgl. [−0.080
120	70.62	9.2	51.75	22.7 (½)	77 38	
125	70.67	7.3	1 59.37	16 5 45.2 (½)	81 26	
139	74	7.4	59.39	45.5	278 36	
127	70.68	8.7	1 59.54	15 18 52.9	82 12	
139	74	7.5	59.55	52.2	277 50	15°3695 9^m.3
128	70.68	7.8	2 2.63	18 22 7.6	79 10	
140	74	7.5	2.56 (½)	8.7 (½)	280 54	
139	70.74	9.2	2 3.00	15 17 28.2	277 48	Z. 127 : 9^m.0
121	70.64	9.1	2 3.98	18 58 47.3	78 32	
136	73	9.1	3.96	48.7	281 30	
126	70.68	7.9	2 5.39	15 52 30.8	81 38	
138	74	7.5	5.42	30.9	278 24	
125	70.67	7.7	2 12.18	16 2 35.2 (½)	81 28	
139	74	7.5	12.24	34.3 (½)	278 34	
17	69.50	8-9	2 19.76	19 28 39.2	282 0	
20	51	9	19.70	40.4	78 2	
226	71.61	8.8	19.80	39.8	282 0	
123	70.66	7.0	2 20.96	16 40 8.6	80 50	
140	74	6.6	20.87 (½)	9.0 (½)	279 12	
127	70.68	8.4	2 22.97	17 32 31.8 (½)	79 58	
134	73	7.7	22.99	30.6	280 4	
38	69.77	7.8	2 24.98	19 40 5.9	282 10	
128	70.68	7.4	24.96	4.9	77 52	
128	70.68	{ 9.5	2 32.30	19 33 26.2	77 58	} Dpl.; kaum
		9.4	32.42	35.9	77 58	zu beob.
135	73	{ 9.3	32.30	26.3	282 4	} Dpl. 15″200°
		9.2	32.54	35.3	282 4	
126	70.68	9.0	2 35.84	15 8 13.2	82 22	
137	74	8.3	35.80	14.5	277 40	

[1] Mittel beider (½) verschiedenen Lesarten angenommen

[1] Noch ein Com. 5–10″ weiter entf.?

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^h			
125	70.67	9.2	$2^m 52^s.90$	18° 7' 24".4	79° 24'	
136	73	9.1	53.01	23.7	280 38	
141	75	9.3	52.92 (½)	25.4 (½)	280 38	
17	69.50	s. 8-9	2 54.26	20 0 57.7	282 32	
20	51	s. 9	54.12	1 0.0	77 30	
226	71.61	9.0	54.25	0 58.6	282 32	
123	70.66	7.4	3 4.52	16 39 26.6	80 52	
139	74	6.2	4.52	27.5 (½)	279 10	
127	70.68	9.2	3 9.20	19 11 38.7	78 20	
135	73	9.3 *	9.29	37.6	281 42	* Dpl.?
126	70.68	8.7	3 13.69	15 30 32.4	82 0	
138	74	8.5	13.61	32.4	278 2	
127	70.68	8.5	3 23.78	18 24 41.4	79 6	
136	73	8.0	23.69	42.5	280 56	
38	69.77	s. 8	3 25.99	19 2 7.0	281 32	
128	70.68	8.5	26.03	7.5	78 30	
135	73	8.3	26.00	7.6	281 34	
129	70.69	8.7	3 28.56 (½)	20 10 25.0 (½)	77 20	
135	73	8.4	28.47	25.7	282 42	
125	70.67	8.5	3 43.52	16 52 35.6	80 38	
136	73	7.8	43.59	37.2	279 24	
129	70.69	9.0	4 8.71	20 3 26.0 (½)	77 28	
135	73	9.0	8.60	25.3	282 34	
126	70.68	9.1	4 9.99	15 49 9.7 (½)	81 43	
137	74	8.5	9.97	9.0	278 20	
226	71.61	9.1	9.94	8.9	278 20	
126	70.68	9.1	4 13.73	15 46 20.2	81 44	
137	74	8.8	13.74	20.3	278 18	
226	71.61	9.1	13.61	19.9	278 18	
127	70.68	9.3	4 24.74	17 24 40.5	80 6	
134	73	9.2	24.75	41.0	279 56	Bem. [1]
125	70.67	8.8	4 33.66	15 54 14.9	81 38	
137	74	8.4	33.68	14.8	278 26	
125	70.67	9.0	4 33.78	16 50 3.2	80 42	
138	74	9.1	33.79	3.8	279 22	
123	70.66	8.9	4 41.02	16 43 1.0	80 48	
138	74	8.8	41.05	2.2	279 14	
127	70.68	9.3	4 43.88	17 32 36.2	79 58	
134	73	9.2	44.00	36.4	280 4	
127	70.68	9.1	4 52.40	17 32 1.0	80 0	
134	73	8.6	52.40	0.2	280 4	
123	70.66	9.1	4 53.67 (½)	16 5 18.8 (½)	81 27	
137	74	8.4	53.71	19.8 (½)	278 36	
17	69.50	8-9	4 57.57	19 59 28.7	282 30	
20	51	s. 8-9	57.60	27.7	77 30	
226	71.61	8.8	57.68	28.8	282 30	
17	69.50	s. 8-9	5 15.43	19 36 42.6	282 8	
20	51	9	15.39	42.7	77 54	
226	71.61	8.7	15.38	43.0	282 8	
123	70.65	9.3	5 19.78	16 52 26.4	80 38	
136	73	9.2	19.86	27.9 (½)	279 24	
128	70.68	9.3	5 20.36	19 1 23.3	78 30	
135	73	(9.5)	20.31	22.6	281 32	
136	73	9.2	20.32	23.1	281 32	
38	69.77	8	5 21.20	19 32 38.6	282 4	
128	70.68	8.3	21.20	38.4	77 58	Z. 226: 8^m
125	70.67	7.5	5 31.85 (½)	15 35 1.2 (½)	81 57	
138	74	7.0	31.89	1.5 (½)	278 6	
			19^h			
129	70.69	8.6	$5^m 32^s.86$	18° 49' 18".4	78° 42'	
135	73	9.1	32.84	19.2	281 20	
127	70.68	9.1	6 6.36	17 54 30.1	79 36	
134	73	8.9	6.42	29.7	280 26	
129	70.69	7.9	6 10.55	17 40 38.9	79 50	Z. 127: $7^m.5$
136	73	7.6	10.51	39.6	280 12	
17	69.50	8-9	6 11.65	19 13 30.9	281 44	
20	51	9	11.57	32.6	78 16	
226	71.61	9.0	11.61	30.9 (½)	281 44	
128	70.68	7.2	6 14.32	17 52 53.4	79 38	
134	73	7.4	14.28	53.9	280 24	
127	70.68	8.6	6 18.58	17 56 42.8	79 34	
134	73	8.0	18.62	43.6	280 28	
137	70.74	9.5	6 37.52	16 17 27.3	278 48	
128	70.68	8.2	6 38.36	17 50 21.6	79 40	
134	73	8.0	38.30	22.8	280 22	
137	70.74	9.6	6 43.01 (½)	16 16 11.8	278 48	2 F.
123	70.66	8.0	6 50.14	16 38 57.0	80 52	
138	74	7.7	50.20	56.4	279 10	
126	70.68	9.0	6 52.76	15 17 14.2	82 14	
140	74	9.0 W.	52.74	13.5	277 48	
126	70.68	8.9	6 55.11	15 15 35.4	82 16	
140	74	8.8 W.	55.14	34.1	277 46	
128	70.68	7.4	6 55.72	17 47 34.1	79 44	
134	73	7.5	55.68	33.3	280 18	
129	70.69	8.5	6 57.94	18 59 59.4	78 32	
135	73	8.1	57.91	59.5	281 32	
123	70.66	7.3	6 58.22	16 38 17.6	80 52	
138	74	6.8	58.24 (½)	17.3	279 10	
125	70.67	8.8 sic	6 58.48	16 5 46.5	81 26	
139	74	9.0 sic	58.42	46.1	278 38	
130	70.70	9.0	6 59.02	19 32 1.7	77 58	
135	73	9.1	59.06	3.3	282 4	
123	70.66	9.1 sic	6 59.64	16 58 30.2 (½)	80 32	
139	74	9.1 sic	59.58	30.2	279 30	
38	69.77	s. 9	7 13.66 (½)	18 35 49.9 (½)	281 6	fast unsichtb.,
130	70.70	9.3	13.67	50.9	78 56	[3 F.
139	74	9.5	13.82	49.6	281 8	
125	70.67	9.1	7 17.03	16 26 45.9	81 4	
138	74	9.1	17.03	44.7	278 58	
126	70.68	9.1	7 17.71 (½)	15 14 32.3 (½)	82 17	
140	74	9	17.67 (½)	32.8 (½)	277 46	
130	70.70	8.6	7 21.40	17 23 13.5	80 8	
140	74	9.1	21.46	14.5	279 54	
127	70.68	8.0	7 24.71	17 17 49.6	80 14	
139	74	8.1	24.71 (½)	49.3	279 50	3 F.
137	70.74	8.8	7 26.06	16 17 36.1	278 48	
129	70.69	8.3 spl.	7 33.14	18 55 44.5	78 36	
135	73	7.9	33.06	44.5	281 26	$9^m.3$ 2".5 350°
129	70.69	9.0	7 35.70	18 18 0.0	79 12	
136	73	9.1	35.62	0.0	280 50	
130	70.70	9.0	7 35.94	18 24 34.5	79 6	18° 3988 $9^m.1$
136	73	9.1	35.88	36.2	280 56	
125	70.67	9.1	7 41.76	15 17 51.3	82 14	
141	75	9.0	41.66	51.3	277 50	
126	70.68	9.1	7 48.97	17 8 37.7	80 22	
134	73	9.0	49.02	37.6	279 40	

[1] $9^m.3$ 10"± – 6'(6"?) N.; $9^m.4$ 6' N.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^h			
17	69.50	s.9	$7^m49^s.45$	19° 21′ 8″.5:(½)	281° 52′	
20	51	s.9	49.40	8.7	78 8	
226	71.61	9.2	49.33	9.8	281 52	
17	69.50	8	8 7.38	19 59 16.8	282 30	
20	51	8	7.25	15.7	77 30	
226	71.61	7.7	7.21	16.0	282 30	
137	70.74	9.3	8 8.10	16 20 —	278 52	
128	70.68	9.0	8 16.46	18 46 1.0	78 46	
138	74	9.1	16.34	1.1	281 18	
130	70.70	9.3	8 27.78	18 4 21.7	79 28	
138	74	9.4	27.75	21.5	280 36	
141	75	9.3	27.65	23.1	280 36	
227	71.61	9.3	27.82 (½)	22.1 (½)	280 36	
131	70.72	9.3	8 35.77	18 32 24.3	78 58	
136	73	9.1	35.67	25.3	281 4	
142	75	9.5	35.67	23.9	281 4	sicher
129	70.69	8.0	8 39.94	18 14 5.4	79 16	
138	74	8.2	39.96	6.9	280 46	
127	70.68	9.0	8 41.00	17 18 3.4	80 14	
139	74	9.2	40.95	2.5	279 50	
38	69.77	8-9	8 41.05	19 52 3.0	282 22	
131	70.72	8.6	41.15	0.3 (½)	77 40	
226	71.61	8.6	41.09	2.5	282 24	
128	70.68	7.7	8 45.84 (½)	18 51 3.9 (½)	78 41	C. $9^m.3$ 2″ 225°
135	73	7.9	45.91	3.9	281 22	» 9.3 4 230:
128	70.68	8.5	8 49.39 (½)	18 39 48.9	78 52	1 F.
130	70	9.0	49.20	49.6	78 52	
136	73	9.0	49.27	51.6	281 12	
125	70.67	8.4	8 51.08	15 9 17.4	82 22	
141	75	8.5	51.05	18.5	277 40	
127	70.68	9.2	8 51.78	17 30 18.2	80 0	
134	73	9.1	51.84	18.7	280 2	
123	70.66	8.2	9 15.04	16 11 51.6	81 20	
137	74	7.6	15.25	51.7	278 44	
140	74	8.0	15.14	51.6	278 44	
129	70.69	8.4	9 21.18	18 16 21.4 (½)	79 14	
138	74	8.4	21.25	22.6	280 48	
127	70.68	8.5	9 23.74	17 47 18.9	79 44	e. z. schw. Bel.
139	74	8.7	23.75	20.4	280 18	
38	69.77	h.8-9	9 24.18	19 22 43.3	281 54	
131	70.72	8.5	24.20	42.0	78 8	
226	71.61	8.4	24.09	42.8	281 54	
125	70.67	7.2	9 30.37	15 58 53.2	81 32	
140	75	7.5	30.45	52.9	278 30	
126	70.68	8.0	9 32.22 (½)	14 51 59.7 (½)	82 40	
141	75	8.0	32.11	52 0.2	277 24	
123	70.66	9.3	9 33.80	16 45 13.7	80 46	
140	74	9.5	33.88	12.9	279 16	Com. 220° ??
142	75	9.3	33.85	14.6	279 16	
127	70.68	9.0	9 36.18	17 29 58.0	80 0	
134	73	9.0	36.25 (½)	58.7 (½)	280 2	
17	69.49	h.7	9 36.63	19 59 13.9	282 30	
20	51	h.7	36.67	13.8	77 30	
126	70.68	6.0	9 38.41 (½)	14 52 3.4 (½)	82 40	
141	75	6.5	38.34	3.0 (½)	277 24	
126	70.68	9.3	9 44.45	15 5 31.7	82 26	
141	75	9.2	44.51	31.5	277 36	
[illegible]	70.66	9.0	9 51.82	17 0 59.6	80 30	
[illegible]	74	9.3	51.90	59.6	279 32	
128	70.68	8.5	9 52.52	18 40 6.4	78 42	
136	73	8.5	52.53	7.6	281 20	
			19^h			
38	69.77	s.7	$9^m59^s.17$	19° 12′ 12″.2	281° 44′	
131	70.72	7.0*	59.15	11.1	78 18	* schw. röthl.
129	70.69	8.4 spl.	10 2.06	19 48 57.9	77 42	
135	73	8.6	2.04	57.3	282 20	Dpl. med. [1]
129	70.69	6.5*	10 2.09	18 17 55.1	79 14	* röthlich
138	74	6.7*	2.11	55.7	280 50	* röthlich
142	75	7.0	2.10 (½)	54.6 (½)	280 50	
130	70.70	7.8	10 6.85	15 0 17.8	82 30	
141	75	8.3	6.79	17.5	277 32	
137	70.74	9.0	10 9.42	16 10 39.6	278 42	
125	70.67	7.1	10 23.10	15 56 29.0	81 34	
140	75	6.8	23.05	30.2	278 28	obl. 45° ?
131	70.72	7.9	10 28.72	20 5 8.4	77 26	
135	73	7.5	28.72	7.2	282 36	
17	69.50	9	10 43.35	19 56 46.2	282 28	
20	51	s.9	43.25	46.3	77 34	
226	71.61	9.1	43.22 (½)	46.8 (½)	282 28	
127	70.68	8.4	10 51.88	17 18 24.8	80 12	
134	73	8.6	51.88	24.5	279 50	
126	70.68	8.2	10 55.93	15 7 47.0	82 24	
139	74	8.2	55.89	47.6	277 40	
123	70.66	9.0	11 1.71	16 26 59.8	81 4	
138	74	9.0	1.77	59.4	278 58	
133	70.72	9.2	11 14.07	17 1 49.7	80 30	16° 3799 $9^m.3$
138	74	9.4	13.98	49.9	279 34	» 9.4
132	70.72	7.3	11 18.42	18 45 26.9 (½)	78 46	
136	73	7.0	18.38	26.6	281 16	
130	70.70	8.4	11 18.98	15 46 15.7	81 44	
139	74	8.5	19.07	14.4	278 18	
125	70.67	9.3	11 20.08	16 1 56.5	81 28	
137	74	9.1	20.22 (¼)	57.0	278 34	3 F.
128	70.68	8.3	11 23.87	18 36 13.9	78 56	
140	74	8.5	23.89	15.4	281 8	
129	70.69	9.2	11 23.91	16 32 35.6	80 58	
130	70.70	8.0	11 24.67	15 51 58.7 (½)	81 39	
137	74	7.7	24.72	52 0.1	278 24	
125	70.67	9.1	11 39.94	16 2 28.0	81 28	
137	74	9.0	40.05	28.0	278 34	
139	74	9.3	39.98	27.8	278 34	16° 3801 $9^m.2$
128	70.68	9.1	11 44.28	18 39 41.0	78 52	
140	74	9.3	44.03 (¼)	41.0 (½)	281 12	etw. uns.
141	75	9.2	44.15	41.3	281 10	
129	70.69	9.1	12 4.88	16 24 1.9	81 8	
138	74	9.3	4.77	0.1	278 56	
131	70.72	8.3	12 8.08 (½)	18 56 28.9 (½)	78 34	
142	75	8.0	8.07	27.6	281 28	
128	70.68	7.8	12 19.31	18 37 27.7	78 54	
136	73	7.4*	19.33	31.3	281 10	* röthlich
131	70.72	9.1	12 20.19	17 35 50.3	79 56	
139	74	9.2	20.17	51.0	280 8	
17	69.49	9	12 24.20	20 0 51.6	282 32	
20	51	9	24.26	52.0	77 30	
17	69.49	8	12 31.52	19 58 8.0	282 28	
20	51	h.8	31.59	8.6	77 32	
123	70.66	7.4	12 54.21	16 28 22.6	81 2	
138	74	7.2	54.20	23.0	279 0	
141	75	7.5	54.23	22.6	279 0	

[1] 1″ 330′ etwa $8^m.8$ u. $9^m.2$

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^h			
130	70.70	9.0	$12^m56^s.23$	17° 30′ 37″.7	80° 0′	
139	74	9.2	56.34	37.5	280 2	
142	75	9.0	56.32	38.8	280 2	
123	70.66	9.3	12 56.35 (½)	16 30 50.6 (½)	81 1	
138	74	9.3	56.34	50.8	279 2	
129	70.69	8.0	12 59.24	15 27 18.2	82 4	Z.127: 8^m
137	74	7.1	59.20 (½)	20.0	278 0	3 F.
125	70.67	7 W.	13 7.66	16 15 44.3	81 16	
142	75	7.4	7.67	45.7	278 48	
125	70.67	8.0	13 11.40	16 1 25.2	81 30	
131	72	8.5	11.45	26.1	81 30	
137	74	8.0	11.42	26.3	278 32	
131	70.72	8.7	13 13.56	17 13 49.8	80 18	
138	74	8.5	13.60	49.8	279 46	
130	70.70	8.4	13 14.52	17 22 46.2	80 8	
140	74	9.0 W.	14.47 (½)	47.0 (½)	279 54	
133	70.72	9.1	13 15.78	19 24 10.4	78 8	
132	70.72	[wie 9]	13 18.55	17 51 0.1 (½)	79 40	
133	72	8.5	18.53	0.7 (½)	79 40	
134	73	8.0	18.54	1.1	280 22	
38	69.77	6-7	13 20.10	19 23 2.5	281 54	
132	70.72	7.0	20.05	0.9 (½)	78 8	19°3974 $9^m.1$
226	71.61	7.1	20.04	1.4 (½)	281 54	Z.133: 7^m
131	70.72	9.0	13 23.66	16 2 50.9	81 28	Z.125: $8^m.5$
137	74	8.5	23.77	51.5 (½)	278 35	
127	70.68	9.2	13 31.51	15 26 7.0	82 6	
137	74	9.3*	31.62	6.3	277 58	* neblig?
128	70.68	8.4	13 33.02	18 32 25.3	78 58	
135	73	8.7	32.97	26.4	281 4	
141	75	8.7	33.03	27.0	281 4	
126	70.68	[wieo.W.]	13 33.36 (½)	15 11 18.7 (½)	82 20	etw. uns.
127	68	8.3	33.33 (½)	17.0 (½)	82 20	
139	74	8.4	33.26	18.1 (½)	277 42	
128	70.68	8.4	13 56.88	17 52 28.4	79 38	
134	73	8.5	56.85	29.9	280 24	
17	69.50	s. 8	13 58.17	19 29 23.3	282 0	
20	51	8	58.19	23.2	78 0	
226	71.61	8.0 spl.	58.15	24.1	282 0	
17	69.50	s.8..h.8-9	14 32.76	19 9 32.0	281 40	
20	51	h. 9	32.67	31.4	78 20	
226	71.61	8.4	32.77	31.9	281 38	
125	70.67	8.4	14 50.53	16 36 34.2 (½)	80 54	
137	74	8.1	50.64	34.2	279 8	
130	70.70	7.9	14 59.80	18 51 54.7	78 40	
136	73	7.9	59.75 (½)	55.4	281 24	
127	70.68	8.9	14 59.91	17 2 31.0	80 28	
134	73	8.8	59.94	29.3	279 34	
129	70.69	8.9	15 0.68 (½)	18 17 39.9 (½)	79 15	
136	73	8.4	0.66	40.0	280 48	
38	69.77	h. 8	15 2.13	19 14 0.8	281 44	
131	70.72	8.2	2.03	1.5	78 18	
226	71.61	8.4 W.	2.11	0.6	281 44	
38	69.77	9	15 4.69	19 25 14.9	281 56	
131	70.72	9.1	4.69	16.4 (½)	78 6	
129	70.69	8.4	15 8.47	18 46 37.0	78 46	
136	73	8.2	8.45	35.1	281 18	
128	70.68	8.7	15 22.01	17 56 16.6 (½)	79 34	
134	73	8.8	22.02	18.3	280 28	
129	70.69	8.5	15 25.86 (½)	18 39 12.5 (½)	78 52	
135	73	8.8	25.86 (½)	11.8	281 10	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^h			
130	70.70	{ 9.1	$15^m28^s.79$	18° 54′ 40″.1	78° 36′	} Dpl.
		7.6	29.36	37.5 (½)	78 36	
135	73	{ 9.3	28.79	39.6	281 26	} » Bel. zu
		7.5	29.42	36.7	281 26	[schw.
128	70.68	8.9	15 52.33	17 30 17.4	80 0	
134	73	9.1	52.34 (½)	17.9 (½)	280 2	
17	69.50	9	15 55.58	19 33 51.1	282 4	
20	51	9	55.68	49.9	77 56	
226	71.61	9.3	55.66	50.8	282 4	
17	69.50	h.* 9	15 56.64	19 35 26.7	282 6	* s.?
20	51	s. 9	56.72	27.7	77 56	
226	71.61	9.4	56.57	27.0	282 6	
125	70.67	9.2	16 1.32	16 49 54.4	80 42	
137	74	9.2	1.40	55.5	279 22	
17	69.50	h. 8-9	16 8.05	19 34 44.4	282 6	
20	51	s. 8	8.01	44.9	77 56	
226	71.61	8.4	8.09	44.2 (½)	282 6	
127	70.68	9.0	16 18.99	15 37 48.4	81 54	
138	74	8.9	19.06 (½)	50.1	278 10	
38	69.77	s. 7	16 29.64	17 31 3.2	280 2	
128	70.68	7.3	29.62	3.5	80 0	
125	70.67	8.6	16 35.40 (½)	16 25 34.7 (½)	81 7	
136	73	8.4	35.37	34.4	278 56	
125	70.67	9.1	16 48.93	16 5 52.4	81 20	
137	74	8.4	49.03	53.7	278 38	
141	75	9.0	48.98 (½)	52.5 (½)	278 36	
127	70.68	8.9	17 1.66	14 54 41.3	82 36	
137	74	8.8	1.70	42.1	277 26	
127	70.68	9.1	17 42.07	14 58 34.9	82 32	
137	74	9.0	42.15	36.0	277 30	
38	69.77	7.8	17 43.23	19 8 20.7	281 40	
129	70.69	7.8	43.20	20.1	78 22	
226	71.61	7.9	43.26	21.0	281 40	
17	69.50	s. 7	17 45.65	20 2 6.1	282 32	
20	51	h. 7-8	45.70	6.8	77 28	
226	71.61	7.2 orge	45.63	—	282 34	
128	70.68	8.9	17 50.81	18 36 32.3	78 54	
135	73	[9.5]	50.74	34.8	281 8	(wohl Wolk.)
136	73	8.7	50.77	34.2 (½)	281 8	
133	70.72	9.2	17 51.61	15 18 11.9	82 12	Z.126: h.9^m±
133	70.72	9.3	17 59.50	15 19 41.4	82 12	Z.126: 9^m±
126	70.68	[7.5: W.]	18 0.35	15 19 13.3	82 12	9^m± v. 1′ entf.[1]
132	72	8.7	0.49	11.6	82 12	
133	72	8.5	0.43	10.9	82 12	
138	74	8.4	0.45	11.7	277 50	
126	70.68	8.2	18 2.69	15 31 7.8	82 0	
138	74	8.4	2.62	8.6 (½)	278 2	
127	70.68	7.7	18 10.86	15 46 22.7	81 44	
139	74	7.5	10.90	22.3	278 18	
17	69.50	h. 6-7	18 20.18	20 1 24.3	282 32	
20	51	h. 7	20.16	22.8	77 28	
226	71.61	6.0	20.25	24.2	282 32	
129	70.69	9.0	18 22.56	17 11 10.9	80 20	
134	73	9.0	22.49	9.8	279 42	
126	70.68	7.7	18 23.65	15 29 16.0	82 2	
138	74	8.2	23.44	16.6	278 0	
134	70.73	9.2	18 30.60	17 49 16.5[2]	280 20	
128	70.68	7.7	18 30.79	17 46 36.4	79 44	
134	73	7.8	30.80	37.2	280 18	

[1] 15°3794 h.9^m±

[2] Wohl Abl. +10^p zu corr., δ = 17°49′36″.5

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
29	70.69	8.0 W.	18m 41s.30	18° 29′ 58″.0	79° 2′	
35	73	wie 9.3]	41.30	58.5	281 2	
36	73	7.5	41.27	58.6	281 2	
34	70.73	9.1	18 41.74	17 48 48.6	280 20	
25	70.67	6.5	18 45.21	16 41 44.5 (¼)	80 50	
40	75	6.8	45.25	44.4	279 14	
27	70.68	8.7	18 49.66	15 39 57.2	81 52	
39	74	9.0	49.54	56.4	278 12	
25	70.67	9.3	18 49.68	16 24 48.3	81 6	u etw. uns.
30	70	9.4	49.59	48.9	81 6	} Dpl.
		9.4	50.02	35.6	81 8	
39	74	9.4	49.72	45.6	278 50	C 9m.5 15°1770
28	70.68	9.2	19 1.95	17 33 13.2	79 58	
34	73	9.2	1.88	11.4	280 4	17°3955 9m.3
35	70.67	7.0	19 8.21	16 42 40.8	80 48	
40	75	7.3	8.24	50.7	279 14	
38	69.77	8.7	19 16.40	19 41 43.3	282 12	
30	70.70	7.4	16.31	42.2	77 50	
25	70.67	9.0	19 19.27	16 53 14.5	80 38	
39	74	9.1	19.31	14.0	279 24	
28	70.68	9.1	19 31.08	17 4 49.4	80 20	
38	74	9.1	31.05	48.0	279 30	
129	70.69	W.	19 31.31 (¼)	19 33 18.5	77 58	3 F.
130	70	8.3	31.22	18.5	77 58	
135	73	8.7	31.22	19.0	282 4	
129	70.69	8.4 W.	19 31.39	18 24 18.9	79 8	
140	75	8.5	31.33	18.0	280 56	
131	70.72	8.9	19 35.19	17 8 46.1	80 22	
138	74	8.8	35.25	46.5	279 40	
38	69.77	8.9	19 46.11	19 24 59.0	281 56	
130	70.70	8.2	46.00	59.8	78 6	
226	71.61	8.0	46.12	59.1	281 56	
125	70.67	9.0	19 53.82	16 49 41.1	80 42	
139	74	9.2	53.78	42.3	279 20	
17	69.50	s. 6-7	19 55.64	20 1 35.8	282 32	
20	51	h. 7	55.61	36.7	77 28	
226	71.61	6.4	55.64	36.9	282 32	
129	70.69	4	19 59.51	19 33 17.4	77 58	
135	73	6.3	59.43	17.4	282 4	
127	70.68	9.1	20 4.69	15 59 36.0	81 32	
140	74	9.0	4.68 (¼)	34.9 (¼)	278 30	
131	70.72	9.1	20 11.01	17 46 24.2	79 44	
134	73	9.0	10.99	25.2	280 18	
131	70.72	9.0	20 13.64	18 9 55.5	79 22	
136	73	8.6	13.65	55.5	280 40	
127	70.68	7.8	20 —	15 18 37.2	82 12	
132	72	8.0	19.77	35.9 (¼)	82 12	
133	72	8.0	19.73	35.8	82 12	
137	74	8.0	19.75	36.5	277 50	
126	70.68	8.2	20 29.07	15 51 58.0	81 40	
140	74	9	29.10 (¼)	57.0 (¼)	278 24	3 F.
141	75	8.7	29.00	59.9	278 24	
127	70.68	8.3	20 —	15 18 15.8	82 12	
132	72	(wie 9.2)*	31.26	15.3	82 12	* erst fast 8m, [W.
133	72	8.5	31.16	15.7	82 12	
137	74	8.1	31.18	16.6	277 50	
128	70.68	9.0	20 33.76 (¼)	17 7 1.1 (¼)	80 24	etw. uns.; 2 F.
138	74	9.3	33.69	2.1	279 38	
143	75	9.1	33.68	2.5	80 24	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
38	69.77	6	20m 45s.73	19° 51′ 2″.6	282° 22′	
129	70.69	5	45.74	2.9	77 40	
226	71.61	5.5 gel.	45.70 (¼)	1.9	282 22	3 F.
128	70.68	8.4	20 48.52 (¼)	17 5 44.1 (¼)	80 26	etw. uns.
138	74	8.7	48.54	43.8	279 36	
141	75	8.8	48.44	44.6	279 36	
143	75	8.9	48.51	44.2	80 26	
128	70.68	9.0	20 49.17 (¼)	17 7 48.0 (¼)	279 40	etw. uns.
138	74	9.2	49.10	48.2	279 38	
141	75	9.1	49.11	48.2	279 38	
143	75	9.1	49.11	49.5	80 24	
125	70.67	9.0	20 52.88	16 47 25.7	80 44	
139	74	9.2	52.93	27.4	279 18	
130	70.70	8.0	20 54.21	18 44 47.1	78 46	
136	73	8.0	54.20	46.8	281 16	
145	76	8.5	54.36	47.6	78 46	schw kd.
128	70.68	8.5	20 55.05 (¼)	17 4 53.6 (¼)	80 26	etw. uns.
138	74	9.1	54.98	53.8	279 36	
141	75	9.1	55.00	55.0	279 36	
143	75	9.1	54.99	54.4	80 26	
127	70.68	9.1	20 59.59	15 45 14.3 (¼)	81 46	
137	74	9.0	59.59	14.0	278 16	
130	70.70	6.0*	21 0.58	19 38 39.5	77 52	* spl.; röthl.
135	73	7.2	0.56	40.5	282 10	
17	69.50	s. 6-7	21 3.54	20 0 38.1	282 30	
20	51	7	3.03	39.1	77 30	
226	71.61	6.9	3.54	38.2	282 32	
132	70.72	9.0	21 20.94	19 30 7.5	78 0	
135	73	9.1	20.97	8.3	282 2	
142	75	8.8	21.03 (¼)	8.1 (¼)	282 2	
131	70.72	8.6	21 21.66	18 3 9.4 (¼)	79 28	
134	73	8.8	21.58	7.8	280 34	
133	70.72	8.2	21 21.84	16 17 19.0	81 14	
139	74	8.0	21.83	20.0	278 48	
142	75	8.2	21.85	19.1 (¼)	278 48	
126	70.68	8.9	21 22.10	15 50 56.9	81 40	
137	74	8.8	22.03	57.9	278 22	
134	70.73	9.3	21 30.09	17 10 11.3	279 42	
144	76	9.3	30.02	12.1	80 22	
133	70.72	9.1	21 31.12	16 11 26.9	81 20	
139	74	9.0	31.15	27.2	278 42	
138	70.74	9.3	21 32.31	17 2 34.4	279 34	
143	75	9.2	32.32	34.8	80 28	
17	69.49	8.9	21 36.07	19 47 47.3	282 18	
20	51	8.9	36.04	46.7	77 42	
125	70.67	9.2	21 39.37	16 57 20.6	80 34	
141	75	9.2	39.39	22.3 (¼)	279 28	
127	70.68	9.2	21 41.30 (¼)	16 22 14.0 (¼)	81 9	
139	74	9.2	41.34	15.4	278 54	
125	70.33	9.0	21 46.80	16 57 29.5	80 34	
141	75	9.0	46.95	30.5 (¼)	279 28	
132	70.72	9.1	21 51.50	18 21 56.2	79 8	
136	73	9.1	51.49 (¼)	55.8 (¼)	280 54	
145	76	9.2	51.42	55.9	79 10	
32	69.56	h. 9	21 51.98	17 56 10.4	280 26	
144	70.76	8.9	52.09	11.7	79 36	
131	70.72	7.3	21 53.51	18 2 40.6	79 28	
134	73	7.1 orge	53.53	40.5	280 34	
38	69.77	h. 9	21 58.48	19 37 29.5	282 8	
144	70.76	8.2	58.54	29.2 (¼)	77 54	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
38	69.77	9	22m 5s.82	19° 54′ 12″.1	282° 24′	
129	70.69	h. 8	5.79	12.9	77 38	
143	75	8.7	5.84	11.3	77 36	
126	70.68	9.1	22 10.65	15 50 49.4	81 40	
137	74	8.8	10.69	51.0	278 22	
133	70.72	8.6	22 19.86	16 26 57.7 (½)	81 4	
138	74	7.8	19.86	57.7	278 58	
145	76	8.6	19.90	56.9	81 4	
17	69.50	h. 7	22 26.91	19 59 42.4	282 30	
20	51	h. 7-8	26.94	42.4	77 30	
226	71.61	7.3	26.84	42.2	282 30	schwkd.
32	69.56	8-9	22 29.72	17 23 44.6	279 54	
132	70.72	8.0 spl.	29.82	44.3	80 8	
29	69.55	7-8	22 31.56	17 35 40.7	79 54	
34	57	h.7-8 .. s.7	31.59	41.3	280 6	
130	70.70	7.6	22 40.96	18 39 53.3	78 52	
136	73	7.5	40.98	53.5	281 12	
126	70.68	8.9	22 43.48	16 2 2.9	81 30	
137	74	8.6	43.58	3.9	278 34	
132	70.72	9.0	22 49.05	18 13 49.4	79 18	
133	72	9.0	49.09	50.0	79 18	
131	70.72	9.1	22 55.78	20 4 5.2	77 28	C. 9m.7 5″ 160°
135	73	{ 9.2	55.77	4.8	282 36	} Dpl. 7″ 160°
		{ 9.4	55.91	3 59.1	282 36	
38	69.77	9	23 11.11	19 12 24.5	281 42	
129	70.69	W.	10.93 (½)	—	78 —	2 F.
130	70	8.7	11.05	25.4	78 20	
226	71.61	9.0	11.05	24.1	281 44	
128	70.68	9.0	23 12.98 (½)	16 50 50.8 (½)	80 40	
134	73	9.1	12.98	50.7 (½)	279 22	
126	70.68	7.9	23 15.60	14 59 17.1	82 32	
138	74	8.0	15.48	19.0	277 30	
25	69.53	h. 8	23 15.82	18 13 53.8	79 16	
33	56	8-9	15.88	53.0	280 44	
35	58	8-9	15.91	53.4	280 44	
132	70.72	8.5	15.98 (½)	53.0	79 18	α nicht gut
127	70.68	9.1	23 23.30	16 11 58.3 (½)	81 20	
138	74	9.0	23.25	58.6	278 44	
126	70.68	9.1	23 37.89	15 59 55.9	81 32	
137	74	8.9	37.94	58.6	278 32	
126	70.68	7.5 orge	23 43.20	14 55 43.0	82 36	
138	74	7.7	43.19	42.9	277 26	
125	70.67	8.0	23 49.71	16 58 14.4	80 34	
134	73	8.2	49.76	14.3	279 30	
125	70.67	8.2	23 51.68	16 46 19.4	80 46	
134	73	8.5	51.78	21.1	279 18	
17	69.50	6-7	23 53.70	20 1 26.6	282 32	
20	51	h. 7	53.59	25.1	*77 28	
226	71.61	6.7	53.64	24.3	282 32	
29	69.55	—	23 59.57:(½)	17 44 —	79 —	s. schw. (Hgl. [−0s.100)
34	57	[9-10]	59.47:(½)	18.3:(½)	280 14	
131	70.72	9.3 u. 9.5	59.91 (½)	17.7 (½)	79 46	
133	72	9.1	59.94	19.7	79 48	Bem. [1]
139	74	9.3 u. 9.7	59.85	18.3	280 16	D. 5″ 220° ±±
32	69.56	8-9	24 0.02	17 19 48.8	279 50	
128	70.68	8.1	0.06	48.8	80 12	
127	70.68	9.0	24 18.31	15 14 51.3	82 16	
137	74	8.8	18.40	51.0	277 46	
142	75	8.8	18.34	51.4	277 46	

[1] Com. 9m.3 5″ 240°, beob. 59s.71 1870

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
25	69.53	8	24m 43s.29	18° 26′ 46″.8	79° 4′	
136	70.73	7.8	43.32	48.2	280 58	
132	70.72	7.3	24 44.19	16 27 6.1	81 4	
141	75	7.3	44.23	6.5	278 58	
130	70.70	9.1	24 44.18	20 4 12.0	77 28	
135	73	9.4	44.26	12.2	282 36	
130	70.70	8.8	24 47.46	20 4 19.9	77 28	
135	73	9.2	47.48	19.3	282 36	
133	70.72	7.4	24 50.11	17 26 7.9	80 6	
142	75	7.5	50.11	8.5	279 58	
141	70.75	7.8	24 53.76	16 32 31.1	279 4	
143	75	7.8	53.80	29.7	80 58	
126	70.68	9.0	24 57.18	14 57 58.5	82 34	
138	74	9.2	57.14	59.3	277 28	
128	70.68	9.3	25 0.92	17 36 11.2	79 56	
139	74	9.5	0.89	14.2	280 8	
145	76	9.5	0.88	12.6	79 56	
131	70.72	8.6	25 13.34	17 0 0.6	80 30	
142	75	8.4	13.32	16 59 59.8	279 31	
133	70.72	7.1	25 16.20	17 59 23.4	79 32	
142	75	7.3	16.27	24.4 (½)	280 30	
17	69.49	8	25 29.90	19 10 21.6	281 40	
20	51	h. 8	29.90	22.8	78 20	
130	70.70	7.8	25 59.96	17 41 40.4	79 50	
139	74	7.8	26 0.09	41.9	280 12	
128	70.68	8.2 spl.	26 2.94	17 31 25.6	80 0	
138	74	8.0 "	2.99	26.9	280 4	
127	70.68	9.0	26 17.36	15 59 39.9	81 32	Z.126: 8m.8
137	74	8.8	17.44	42.2	278 32	
141	75	9.2	17.29	42.1	278 30	
126	70.68	8.5	26 21.93	16 1 23.9	81 30	
137	74	8.0	21.96	24.6	278 34	
141	75	8.5	21.89	23.1	278 32	
43	69.80	(s. schw.)	26 24.70	16 12 33.7	278 44	Hgl.—0s.058 ang.
125	70.67	8.5	24.82	34.4	81 18	Z.135: h.9m
134	73	8.3	24.79 (½)	36.1	278 44	2 F. Z.136: [8m.5
126	70.68	8.8	26 25.33	15 58 3.4	81 34	
137	74	8.7	25.37	3.9	278 30	
20	69.51	s. 9	26 31.49	19 33 —	78 —	
125	70.67	9.2	26 40.04	16 10 44.3	81 20	
135	73	9.5	40.17 (½)	46.3	278 42	Bem. [2]
136	73	9.2	40.11	46.0	278 42	
17	69.50	s. 9	26 46.33	19 32 57.6	282 4	
20	51	s. 9	46.46	54.3	77 58	
223	71.59	9.2	46.51	55.7	78 0	19°4051 9m.2
41	69.78	s. 9	26 52.00	15 18 5.4	277 48	
127	70.68	9.2	51.94	5.7 (½)	82 14	15°3856 9m.1
38	69.77	10	27 45.96::(½)	16 23 52.6::(½)	278 54	dkl. Feld
125	70.67	9.4	45.98 (½)	51.2 (½)	81 9	
130	70.70	{ 7.8	27 49.53	20 8 40.3	77 22	} Dpl. 5″.5 160°
		{ 9.0	49.69	35.1	77 22	
135	73	(s. 9 W.)	49.66 (½)	40.4	282 40	Com. unsichtb.
136	73	{ 7.8	49.60	40.5	282 40	} Dpl. 7″ 150°
		{ 9.2	49.84	35.5	282 40	
128	70.68	9.1	27 53.92	18 8 22.8	79 24	
138	74	9.1	53.84	24.0	280 40	
132	70.72	9.0	28 0.02	18 26 14.7	79 6	
139	74	8.4	0.01	14.5	280 58	
141	75	8.3	27 59.99	14.5	280 58	

[2] Com. 10m (30″ 160°) ±±

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^{h}			
41	69.78	s.9	$28^{m}\ 5^{s}.38$	$16^{\circ}21'57''.8$	$278^{\circ}52'$	
125	70.67	9.1	5.43	56.2	81 10	
133	70.72	9.0	28 7.14	18 47 57.2	78 44	
138	74	9.0	7.13	56.7	281 20	
139	70.74	8.8	28 10.90	17 3 31.9	279 34	
143	75	8.7	10.90	32.9	80 28	
131	70.72	8.8	28 12.32	16 35 30.0 (½)	80 56	
137	74	8.2	12.28	28.9	279 6	
140	69.78	h.8-9	28 17.25	15 6 18.7	277 38	
143	70.75	8.1	17.24	19.6 (½)	82 26	
131	70.72	8.3	28 20.06	16 31 9.5	81 0	
137	74	7.9	20.10	9.4	279 2	
132	70.72	(9.3)	28 20.35	18 34 50.9	78 56	
133	74	8.6	20.37	51.2	78 56	
141	75	8.9	20.31	51.1	281 6	
137	70.74	7.3	28 39.01	15 59 42.8	278 32	
139	74	7.4	39.04 (½)	41.8 (½)	278 30	
144	76	7.5	39.01	41.1	81 32	
38	69.77	9-10	28 41.96	16 38 8.1	279 8	
131	70.72	9.1	42.06	6.8	80 54	
17	69.50	h.8-9	28 43.91	19 6 56.9	281 38	
20	51	8-9	43.94	54.7	78 24	
223	71.59	8.5	43.98	55.4	78 26	
133	70.72	9.2	28 45.54	18 24 6.6	79 8	
138	74	9.4	45.47	7.7	280 56	
36	69.59	9	28 50.93	16 37 48.3	279 8	Z. 38: 9^{m}
131	70.72	8.9	50.90	48.5	80 54	
24	69.53	9	28 53.93	17 42 36.5	79 48	
32	56	8-9	53.86	37.3	280 12	
40	69.78	h.8-9	28 54.54	15 11 44.5	277 42	
143	70.75	8.2	54.60	46.0	82 20	
29	69.55	7-8	29 3.00	17 51 19.2	79 40	
34	57	7-8	3.08	19.2	280 22	
35	69.58	s.8	29 5.49	19 1 39.9	*281 32	
144	70.76	8.2	5.53	40.5	78 30	
17	69.50	[6±]	29 5.53	19 30 6.3	282 0	
20	51	5-6	5.56	6.8	78 0	
223	71.59	5.8	5.45	7.1	78 2	
41	69.78	7-8	29 6.64	16 22 10.8	278 52	
144	70.76	7.7	6.64	11.8	81 10	
136	70.73	9.2	29 15.89	17 16 19.7	279 48	
144	76	8.9	15.83	21.1	80 16	
137	70.74	9.0	29 15.92	15 32 26.1 (½)	278 4	
143	75	9.2	15.95	27.4	82 0	
41	69.78	8	29 16.28	16 10 42.1	278 42	
131	70.72	8.7	16.20	42.4	81 20	
37	69.61	h.9	29 23.16	19 58 9.7	282 28	
38	77	(s.9)*	23.15	10.5	282 28	* Cirri
130	70.70	8.7	23.10	10.4	77 34	
145	70.76	8.6	29 23.48	19 46 57.4	77 44	
138	70.74	9.3	29 29.35	18 8 51.3	280 40	
145	76	9.3	29.30	50.4	79 22	
132	70.72	9.4	29 36.13	18 25 59.9	79 6	
133	72	9.0	36.04	26 1.4	79 6	$18^{\circ}4138\ 9^{m}.1$
138	74	9.1	35.97	2.0	280 58	» 9.4
25	69.53	h.7-8	29 36.13	18 43 57.9	78 46	
33	56	h.7-8	36.04	56.6	281 14	
40	69.78	s.7	29 45.54	15 20 12.3	277 50	
145	70.76	7.2	45.50	12.3	82 10	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^{h}			
130	70.70	9.2	$29^{m}55^{s}.61$	$20^{\circ}\ 4'54''.6$	$77^{\circ}26'$	
136	73	9.3	55.63	54.3	282 36	
29	69.55	s.9	29 57.86	17 36 31.0	79 54	
34	57	s.9	57.88 (½)	30.7	280 6	3 F.
24	69.53	9-10	29 58.11	17 43 29.8	79 48	
32	56	9	58.18	28.7	280 14	
41	69.78	h.8	30 4.25	16 50 1.7	279 20	
145	70.76	7.9	4.15	1.4	80 42	
136	70.73	8.4	30 4.58	15 59 53.0	278 32	
143	75	8.7	4.55	51.8	81 32	
36	69.59	s.8	30 9.92	16 41 53.1	279 12	
144	70.76	8.0	9.88	53.5	80 50	
17	69.50	h.9	30 14.76	19 30 52.1	282 2	
20	51	9	14.76	51.1	78 0	
223	71.59	9.0	14.71	51.7	78 2	
25	69.53	s.8	30 15.35	18 18 0.6	79 12	
33	56	s.8	15.29	0.6	280 48	Z.133: $7^{m}.8$
29	69.55	h.9	30 15.75	17 25 34.5	80 4	
34	57	9	15.78	34.9	279 56	
35	69.58	s.9	30 18.30 (½)	18 24 44.2 (½)	280 56	wenig sicher
133	70.72	9.1	18.51	43.7	79 8	
33	69.56	s.9	30 23.00	18 17 52.9	280 48	
133	70.72	8.9	22.97	52.2	79 14	
136	70.73	9.0	30 25.65	18 51 40.6	281 24	
137	73	9.0	25.76	40.5	281 22	
144	76	9.1	25.74	39.8	78 40	
37	69.61	9	30 32.80 (½)	19 45 26.5::(½)	282 16	3 F.; bei d ver-
38	77	(s.9-10)	32.56	27.6	282 16	Cirri [schw.
130	70.70	8.9	32.67	25.1	77 46	
138	74	9.2	32.75	26.7	282 16	
40	69.78	h.7-8	30 41.69 (½)	15 36 49.5	278 8	3 F.
145	70.76	7.3	41.67	50.3	81 54	
136	70.73	8.8	30 50.89	18 51 2.4	281 22	
144	76	9.1	50.82	1.7	78 40	
17	69.50	s.9	30 52.15	19 21 49.2	281 52	
20	51	s.9-h.9-10	52.02	47.6:(½)	78 8	
223	71.59	9.2	52.24	48.3	78 10	Bel. zu hell
137	70.74	6.9	31 9.90	20 3 21.6	282 34	
143	75	7.0	9.83	21.3	77 28	
29	69.55	h.9	31 12.20	17 22 42.6	80 8	$17^{\circ}4022$ s.9^{m}
34	57	9	12.15	43.6	279 54	» s.9
37	69.61	s.7-8	31 19.90	19 11 14.5	281 42	
38	77	(8)	19.80	13.7	281 42	Cirri
130	70.70	7.9	19.82	13.8	78 20	
24	69.53	s.8	31 20.37	17 33 3.0	79 58	
32	56	8-9	20.36	3.3	280 4	
24	69.53	8	31 21.81	17 46 21.6	79 44	
32	56	8-9	21.82	23.3	280 16	
35	69.58	s.9	31 23.09 (½)	18 22 6.7 (½)	280 52	wenig sicher
133	70.72	9.2	23.15	7.7	79 10	
37	69.61	h.8-9	31 26.37	19 11 15.0:(½)	281 42	
38	77	(8-9)	26.21	14.2	281 42	Cirri
130	70.70	8.8	26.35	14.5	78 20	
25	69.53	9-10	31 29.24	18 44 51.4	78 46	
33	56	s.9	29.23 (½)	50.3 (½)	281 16	etw. uns.
136	70.73	8.9	29.30	49.5	281 16	
41	69.78	s.9	31 30.78	18 38 57.2	281 10	
133	70.72	9.2	30.66	58.1	78 52	
40	69.78	s.8	31 34.99	14 58 18.9	277 30	
144	70.76	8.0	34.97	18.0	82 32	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
17	69.50	s.9	31m37s.04	20° 0′ 30″.4	282° 30′	
20	51	h.9-10	36.83	31.3	77 30	
223	71.59	9.2	36.99	31.3	77 32	
36	69.59	5.6	31 37.84	16 11 1.3	278 42	
131	70.72	7.0	37.90	1.3	81 20	
133	70.72	9.1	31 40.73	18 46 9.0	78 46	18°4156 9m.0
136	73	8.9	40.81	11.2	281 18	
138	74	9.1	40.77	8.9	281 18	
43	69.80	8-9	31 42.44	18 50 8.8	281 20	
133	70.72	8.9	42.35	10.4	78 42	
36	69.59	h.9	31 44.16	16 11 15.0	278 42	
131	70.72	9.0	44.14	15.8 (½)	81 20	
138	70.74	7.0 *	31 51.39	18 41 51.5	281 12	* schw. orange
143	75	6.5 *	51.37	51.9	78 50	* dgl.
43	69.80	9	32 10.35	18 32 17.8	281 2	
143	70.75	8.8	10.29	16.4	79 0	
40	69.78	s.8-9	32 17.14	15 57 38.1	278 28	
144	70.76	8.5	17.04	38.4 (½)	81 34	
43	69.80	9	32 19.68	18 31 57.3	281 2	
143	70.75	8.6	19.73	57.4	79 0	
25	69.53	h.8--s.7-8	32 22.73	18 18 44.9	79 12	
33	56	7-8	22.74	43.5	280 50	
132	70.72	7:	22.86	44.0	79 12	
130	70.70	{ 9.1	32 23.84	19 4 34.8	78 26	} Dpl. 6″ 190°
		{ 8.8	24.07	41.2	78 26	
137	74	{ 9.2	23.90	35.4	281 36	} „ 7 200
		{ 8.7	24.04	41.7	281 36	
37	69.61	9	32 24.37 (½)	19 41 18.2::(½)	282 12	2 F.
136	70.73	9.0	24.29	19.0	282 12	
145	76	9.2	24.23	19.7	77 50	
41	69.78	7	32 32.52	16 57 44.4	279 28	
145	70.76	7.3	32.45	44.2	80 34	
41	69.78	h.8-9	32 33.53	16 31 35.6	279 2	
131	70.72	8.7	33.58	37.3	81 0	
24	69.53	9	32 50.31	17 50 14.6	79 40	
32	56	h.9	50.26	14.9	280 20	
41	69.78	h.8--s.7-8	32 50.40	16 58 30.9	279 30	
145	70.76	8.0	50.33	32.6	80 34	
36	69.59	h.9	32 55.14	16 49 37.2	279 20	
131	70.72	8.6	55.05	36.0	80 42	
38	69.77	(8-9)	32 55.53	19 35 1.4	282 6	Cirri
130	70.70	8.0	55.49	2.9	77 56	
17	69.50	s.8-9	33 24.43	19 31 37.4	282 2	
20	51	h.9	24.42	37.3	77 58	
223	71.59	8.8	24.45	36.8	78 0	19°4098 9m.1
29	69.55	8-9	33 37.33	17 31 25.3	80 0	
34	57	h.8-9	37.21	26.3	280 2	
133	70.72	8.7	33 39.78	19 21 29.1	78 10	Z. 37: 8-9m
25	69.53	h.8	33 41.07	18 23 59.1	79 6	
33	56	h.8	41.19	59.2	280 54	
37	69.61	8-9	33 43.31	19 22 55.0	281 54	
133	70.72	8.7	43.31	53.4	78 8	
36	69.59	9-10	33 44.27	16 17 26.4	278 48	
131	70.72	9.3	44.40	27.7	81 14	
36	69.59	6 *	33 46.07	16 17 12.9	278 48	* röthlich
131	70.72	7.0 *	46.07	11.9	81 14	* dgl.
37	69.61	9	33 53.47	19 34 30.8:(½)	282 4	
130	70.70	9.0	53.43	30.6	77 56	
138	70.74	9.5	33 54.22	16 24 48.9	278 56	Fäd. st. schl.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
40	69.78	9-10	33m57s.25	19° 44′ 58″.7	282° 16′	
133	70.72	9.1	57.40	59.1	77 46	
29	69.55	s.9	33 58.33	17 46 50.9	79 44	
34	57	s.9	58.12:(½)	51.5:(½)	280 18	
25	69.53	8--h.8	34 1.08	18 53 6.1	78 38	
33	56	h.8	0.92	3.7	*281 24	
43	69.80	s.9	34 2.76	16 29 41.1	279 0	
143	70.75	9.1	2.87	40.8	81 2	Z.137: 9m
143[1]	70.75	9.2	34 6.54	16 29 24.4	81 2	Z.137: 9m
17	69.50	h.9	34 11.57	19 18 18.1	281 48	
20	51	h.9	11.70	19.2	78 12	
223	71.59	8.8	11.63	19.3	78 14	
24	69.53	9	34 13.86	17 18 5.2	80 12	17°4039 9m
32	56	s.9	13.76 (½)	5.2	279 48	3 F.
40	69.78	9-10	34 14.41	15 15 13.2	277 46	
144	70.76	9.2	14.45 (½)	11.9 (½)	82 16	
41	69.78	h.9-10	34 15.70	16 3 45.5	278 34	
131	70.72	9.1	15.74 (½)	45.2	81 28	3 F.
137	74	8.9	15.70	45.1	278 36	
130	70.70	8.0	34 16.14	20 7 4.4	77 24	
136	73	7.7	16.23	6.0	282 38	
223	71.59	9.0	34 18.52	16 36 13.0	80 56	
226	61	9.1	18.62	13.5 (½)	279 8	
17	69.50	s.7-8	34 24.62	19 6 53.5	281 38	
20	51	8--h.8	24.84	52.0	78 24	
223	71.59	8.0	24.72	51.8	78 26	
226	61	8.0	24.74	50.9	281 38	
131	70.72	9.1	34 28.37	16 2 41.4	81 28	Z. 41: h 9-10m
137	74	9.0	28.32	41.2	278 34	
24	69.53	5	34 30.59	17 43 38.8	79 46	
32	56	6	30.56	39.0	280 14	
29	69.55	8	34 35.54	17 36 43.1	79 54	
34	57	h.8	35.53	44.5	280 8	
41	69.78	s.7-8	34 42.54	16 2 46.8	278 34	
131	70.72	7.4	42.60	46.7	81 28	9m.3 4′± par.
137	74	7.0	42.58	46.5	278 34	
25	69.53	h.9-10	34 51.10	18 37 9.5	78 54	
38	69.77	(9)	34 57.19 (½)	18 47 [11±]	281 18	Bem. [2]
133	70.72	9.0	57.13	10.3	78 44	
136	73	9.0	57.14	9.9 (½)	281 18	
37	69.61	9	34 57.90	19 21 9.5	*281 52	
143	70.75	9.0	57.92	10.7	78 10	
130	70.70	7.0	35 0.40	20 11 22.4	77 20	
136	73	6.8	0.50 (½)	23.2 (½)	282 43	
145	76	6.7	0.52	22.8	77 20	
41	69.78	9	35 10.54	16 11 26.6	278 42	
144	70.76	9.0	10.59	26.9	81 20	16°3951 9m.5
43	69.80	h.9	35 23.18	17 42 14.4	280 14	
143	70.75	8.9	23.21	14.2	79 50	
43	69.80	5	35 26.06	17 11 17.1	279 42	
145	70.76	4.7	26.12 (½)	17.2 (½)	80 20	
29	69.55	9	35 33.24	18 1 14.4	79 30	
34	57	s.9 zfl.	33.15	14.3	280 32	
17	69.50	h.8-9	35 38.11	19 50 50.5	282 22	
20	51	8-9--h.8-9	38.13	51.4	77 40	
223	71.59	8.3	38.06	51.3	77 42	
226	61	8.2	38.05	49.9	282 22	

[1] Z. 43: 3s.7 f. (1 F.) 15″ S. (geschätzt) von Nr. 7597

[2] Cirri, kaum sichtbar (Hgl. −0.080)

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
38	69.77	8-9	35m 47s.03	16° 52′ 22″.5	279° 22′	
143	70.75	8.9	47.04	22.0	80 40	
24	69.53	h.8	35 49.97	17 54 11.5	79 36	
32	56	h.8-9..s.8	49.89	11.3	*280 24	
33	69.56	h.9-10	35 52.97	18 39 11.8	281 10	
133	70.72	9.1	53.03	11.0	78 52	
35	69.58	9*	35 56.11	18 20 40.2	280 50	* nebl., od. unr.
133	70.72	9.0*	56.12	38.4	79 10	* Bem.[1]
36	69.59	s.8-9	35 58.52	16 8 24.5	278 38	
131	70.72	8.9	58.62	25.5	81 22	
144	70.76	9.2	36 10.76	14 56 14.8	82 36	Z. 40: 9m
40	69.78	9	36 25.32	15 15 19.9	277 46	
143	70.75	9.1	25.36	18.6	82 16	
36	69.59	s.9	36 26.84	16 8 47.5	278 38	
131	70.72	9.3	26.82	49.2	81 22	
40	69.78	h.9	36 31.24	14 56 15.8	277 28	
144	70.76	9.0	31.18	17.2 (½)	82 30	
40	69.78	s.8	36 40.20	14 57 36.7	277 28	
144	70.76	8.2	40.19	38.3	82 34	
25	69.53	7-8	36 45.20	18 10 20.8	79 20	
33	56	7.8	45.35	21.0	280 40	
38	69.77	s.9	36 47.31	16 33 58.8	279 4	
144	70.76	9.2	47.23	57.7	80 58	
24	69.53	9	36 48.04	17 13 44.8	80 16	
29	69.55	s.9	36 48.12	17 9 7.6	80 22	
32	56	9	48.04	8.8	279 40	
34	57	s.9	47.96	10.0	279 40	
143	70.72	9.1	48.22	9.2	80 22	
29	69.55	h.9	36 51.67	17 8 0.8	80 22	
32	56	8-9	51.65	2.0	279 38	C. s.9m 5° 300°
34	57	h.9	51.79	2.2	279 38	» 9-10 5 300
133	70.72	8.5	51.72	2.2	80 24	» 9.5 7 300
41	69.78	9	36 51.93	16 18 57.9	278 50	
132	70.72	(schw.)	51.99	58.6	81 12	Hgl.–s058 ang.
36	69.59	9	36 54.47	16 9 3.2	*278 40	
131	70.72	9.1	54.45	4.9	81 22	
43	69.80	h.9	37 2.75	15 54 29.7	278 26	
145	70.76	8.9	2.84 (½)	30.4 (½)	81 37	
25	69.53	9..s.9	37 2.93	18 5 33.5	79 26	
33	56	s.8-9	3.08	33.7	280 36	
41	69.78	9	37 3.27	16 18 21.5	278 48	
132	70.72	(8.5:)	3.40	22.1	81 12	
17	69.50	s.8.9	37 6.11	20 0 33.0	282 30	
20	51	8-9	6.03	30.8	77 30	eilig
223	71.59	8.9	5.96	32.3	77 32	
226	61	9.0	6.16	31.5 (½)	282 32	
40	69.78	9	37 10.10	15 21 51.3	277 52	
143	70.75	9.1	10.12	51.7	82 10	
29	69.55	h.8	37 12.81	17 40 27.4	*79 50	
34	57	8	12.81	27.0	*280 10	
41	69.78	h.9	37 12.94	16 53 12.4	279 24	
143	70.72	8.8	12.92	13.3	80 38	Bel. zu hell
24	69.53	h.9	37 17.33	17 12 52.0	80 18	
38	77	9	17.36	53.8	279 44	
35	69.58	8-9	37 29.30	19 33 33.1	*282 4	
130	70.70	8.0	29.31	32.0	77 58	9m 1-2° n.v.
37	69.61	9-10	37 35.69	19 44 10.6	*282 14	
130	70.70	9.0	35.79	10.8	77 48	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
17	69.50	8-9	37m 36s.49	19° 52′ 39″.5	282° 22′	
20	51	s.9..h.8-9	36.40	41.2	77 38	
223	71.59	8.8	36.46	39.7 (½)	77 40	
226	61	8.7	36.52	39.0	282 24	
36	69.59	h.9	37 43.81	16 41 13.8	279 12	
131	70.72	8.5	43.77	15.3	80 50	
25	69.53	8-9	38 33.22	18 16 3.3	79 14	
33	56	s.8-9	33.20	2.1	280 46	
24	69.53	s.9	38 35.12	17 56 2.2	79 34	
32	56	9	35.24	3.2	280 26	
17	69.50	h.9-10	38 55.95	19 22 41.2	281 52	
20	51	h.9-10	56.04	43.3	78 8	
223	71.59	9.2	56.04	42.9	78 10	
226	61	9.3	56.12	41.9	281 54	
25	69.53	7-8	38 57.54	18 17 21.7	79 14	
33	56	7	57.51	23.3	280 48	
38	69.77	8	39 8.82	16 30 57.2	279 2	Dpl.? (med.)
131	70.72	{ 9.1	8.79	58.8	81 2	} Dpl. 2″.5 3°
		8.3	8.86	55.7	81 0	
35	69.58	8	39 10.23	18 25 41.7	280 56	
130	70.70	7.9	10.14	40.9 (½)	79 6	st. schwkd.
32	69.56	h.10	39 15.44	17 42 16.5	280 12	
40	69.78	s.8-9	39 20.78 (½)	15 32 28.6 (½)	278 2	
133	70.72	8.6	20.79	27.7	81 58	15°3926 9m.1
41	69.78	8	39 25.31	15 59 7.0	278 30	
132	70.72	8.0	25.36	8.2	81 32	
35	69.59	9	39 31.37	18 51 50.7	281 22	
123	70.65	8.7	31.42	51.6	78 40	
17	69.49	s.8	39 48.09	19 33 17.0	282 4	
20	51	s.9 h.8-9	48.28	17.8	77 58	
133	70.72	9.2	39 48.75 (½)	20 4 43.5	77 26	3 F.
132	70.72	8.3	40 5.21	15 54 19.7	81 36	
136	73	8.3	5.21	20.8	278 20	
133	70.72	9.2	40 16.91	15 17 7.0	82 14	
142	75	9.0	16.76	9.0	277 48	9m.5 25°: v. 1′S.
144	76	9.3	16.72	7.8	82 14	Bel. zu hell
38	69.77	9	40 17.30	16 55 43.5	279 26	
131	70.72	9.1	17.38	42.9	80 36	
142	70.75	9.3	40 27.70	15 14 42.9	277 40	
144	76	9.4	27.76	45.0	82 16	
37	69.61	s.8-9	40 30.53	19 28 40.3	281 58	
130	70.70	9.0	30.40	39.9	78 4	
24	69.53	h.8	40 31.91 (½)	17 43 17.2	79 48	3 F.
32	56	s.8	32.11	15.5	280 14	
132	70.72	8.2	32.06	17.0	79 48	
137	74	8.1 sic	32.08	15.9	280 14	
37	69.61	9 gz. zfl.	40 40.21:: (½)	19 40 56.6:: (½)	282 10	
130	70.70	9.0	40.23	56.3	77 50	
25	69.53	h.9-10	40 40.68 (½)	18 3 17.7	79 28	
33	56	s.9	40.91	17.4	280 34	
130	70.70	9.0:	40 42.17	20 11 45.7	77 20	
139	74	9.1	42.20	46.7	282 42	
132	70.72	8.6	40 43.78	15 59 11.3	81 32	
136	73	9.0	43.82	10.9	278 30	
138	70.74	8.8	40 55.14	15 15 25.1 (½)	277 46	
142	75	8.0	55.19	26.1	277 46	
144	76	8.8	55.16	26.9	82 16	
133	70.72	8	41 0.60	20 5 47.1	77 26	
141	75	8.0	0.54 (½)	46.5	282 30	3 F.

[1] Nebel, oder ganz zfl. Im 8f. Refr. 1894 Dec. 1 keine Spur von Nebel zu bemerken

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
29	69.55	s. 8-9	41m 1s.23	17° 29′ 59″.2	80° 0′	
34	57	8	1.23	59.9	280 0	
131	70.72	8.6	41 2.58	16 6 36.3	81 24	
139	74	8.5	2.55	35.2	278 38	
29	69.55	9	41 8.74	17 14 51.6	* 80 16	
34	57	8-9	8.80	52.2	*279 46	
35	69.58	8	41 9.60	18 30 41.6	281 2	
123	70.66	7.6	9.61	40.9	79 0	
226	71.61	7.9	9.54	40.5	281 2	
20	69.51	8-9	41 11.13	20 2 40.3	77 28	Z.133: 8m
37	61	8-9	11.13	40.5	282 32	» 141: 8
137	70.74	8.9	41 16.41	14 57 9.5	277 28	
143	75	8.3	16.37	10.0	82 34	
17	69.49	8	41 19.47	19 25 32.6	281 56	
20	51	8	19.40	32.6	78 4	
25	69.53	s. 8-9	41 19.53	18 34 34.8	78 56	
33	56	8-9	19.50	35.3	281 4	
132	70.72	8.5	41 27.28	18 52 31.4	78 38	
139	74	7.9	27.21	30.8	281 24	
17	69.50	s. 9	41 30.93	20 4 31.9	282 34	
131	70.72	9.2	41 34.06	16 59 32.7	80 32	
137	74	9.0	34.07	32.0	279 30	
133	70.72	8.9	41 36.09	16 24 23.0	81 8	
141	75	9.0	36.19	21.1	278 56	
138	70.74	8.6	41 36.54	15 10 33.1	277 42	
143	75	8.3	36.49	33.8	82 20	
*						
139	70.74	7.9	41 57.84	15 35 58.9	278 8	
145	76	7.9	57.80	59.8	81 56	
24	69.53	8-9	41 59.67	18 2 28.8	79 28	
32	56	8	59.67	29.7	280 32	
139	70.74	9.2	42 2.08	15 33 54.7	278 6	
35	69.58	h. 8-9	42 3.15	18 58 30.1	281 28	
132	70.72	8.4	3.26	30.0	78 32	
35	69.58	8-9	42 8.93	18 38 41.7	281 8	
132	70.72	8.5	8.79	41.5 (½)	78 52	
131	70.72	9.2	42 9.52	16 40 46.8	80 50	
137	74	9.1	9.48	46.5	279 12	
139	70.74	8.2	42 10.06	15 39 2.9	278 10	
145	76	8.6	10.11	2.3	81 52	
25	69.53	h. 9-10	42 19.27	18 44 52.4	78 46	
33	56	h. 9-10	19.22	52.8	281 14	
131	70.72	8.3	42 19.88	16 57 49.5	80 34	
137	74	8.0	19.90	48.5	279 28	
17	69.49	8	42 37.03	19 41 17.2	282 12	
20	51	h. 8	37.02	17.0	77 50	
37	69.61	s. 7	42 —	19 3 12.3	281 34	
123	70.66	8.2	37.64	12.8	78 28	19°4152 9m.1
138	74	8.0	37.67	12.6	281 34	» 9
132	70.72	7.7	42 53.89	18 20 39.5 (½)	79 10	
136	73	7.7	53.96	40.4	280 52	
35	69.58	s. 9	42 58.52	18 46 8.7	281 16	s. unr.
121	70.64	9.0	58.44	10.5	78 46	
36	69.59	h. 8-9	43 2.49	16 14 56.6	278 46	
133	70.72	8.7	2.43	55.7	81 16	
36	69.59	s. 8	43 4.12	16 15 23.7	278 46	
133	70.72	8.5	4.15	23.2	81 16	

* Nr. 7686: δ Sagittae, Fund.-St.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
40	69.78	h. 9	43m 4s.36	15° 25′ 33″.3	277° 56′	
143	70.75	9.2	4.28	34.1	82 6	
38	69.77	8	43 5.08	19 54 15.3	282 24	
120	70.62	8.6	5.01	14.2	77 38	
130	70.70	7.3	43 10.02	18 33 24.1	78 58	
141	75	7.9	10.18	24.0	281 4	
121	70.64	8.7	43 10.86	18 3 31.3	79 28	
141	75	8.5	10.94	31.0	280 34	
41	69.78	s. 9	43 12.99	16 42 2.0	279 12	
131	70.72	9.1	13.01	3.5	80 50	
123	70.66	8.0	43 13.08	19 21 3.0	78 10	
138	74	7.6	13.03	3.4	281 52	
42	69.80	äu. schw.	43 —	15 8 40.7	277 40	
43	80	s. 9	15.32	41.9	277 40	
143	70.75	9.0	15.40	41.4	82 22	
133	70.72	7.2	43 18.05	16 19 2.3 (½)	81 12	
141	75	7.5	18.16	2.3	278 50	
24	69.53	h. 9	43 19.32	17 54 11.6	79 36	
32	56	s. 9	19.19	12.2	280 24	
131	70.72	8.9	43 24.56	16 26 43.1	81 4	
137	74	8.8	24.57	42.5	278 58	
35	69.58	5	43 25.73	18 49 47.8 (½)	281 20	Bem. [1]
121	70.64	6.5	25.71	48.1	78 42	
130	70.70	9.0	43 27.78	20 6 1.8	77 26	
139	74	9.2	27.88	1.9	282 36	
138	70.74	8.3	43 32.93 (½)	14 53 33.1	277 24	3 F.
145	76	8.2	32.99	33.8	82 38	
138	70.74	9.2	43 33.14 (½)	14 53 8.0	277 24	2 F.
145	76	9.3	33.23 (½)	7.5 (½)	82 38	
130	70.70	8.7	43 33.64	20 6 50.9	77 24	
139	74	8.7	33.78	49.7	282 38	
37	69.61	8-9	43 —	20 0 22.4	282 30	
38	77	8-9	37.37	21.7	282 30	
120	70.62	8.7	37.36	22.3	77 32	
17	69.49	h. 8	43 40.81	19 28 59.0	282 0	
20	51	h. 8	40.64	59.6	78 2	
40	69.78	8	43 41.58	15 42 27.2	278 14	
144	70.76	7.9	41.58 (½)	27.5 (½)	81 49	
29	69.55	h. 9	43 42.60	17 20 32.2	80 10	
34	57	9	42.42: (½)	31.6: (½)	279 50	äuss. unr.
25	69.53	s. 9	43 43.31	18 9 36.3	79 22	
33	56	s. 8-9	43.30	36.5	280 40	
24	69.53	h. 8-9	43 52.82	17 10 28.3	80 20	
29	55	s. 8-9	52.84	29.0	80 20	
32	56	s. 8	52.83	30.2	279 40	
34	57	8-9	52.90	31.7	279 40	
25	69.53	9	43 52.90	18 32 40.2	78 58	
33	56	8-9	52.98	41.0	281 2	
130	70.70	8.4	43 57.82	16 47 57.0	80 44	Z.132: s.8m
136	73	8.5	57.95	56.3	279 20	
41	69.78	8-9	43 58.48	16 25 57.3	278 56	
131	70.72	8.7	58.61	55.6	81 6	
130	70.70	8.3	44 1.88 (½)	16 50 50.7	80 40	1 F.
132	72	8.2	1.91	50.3	80 40	
136	73	8.5	1.94	50.7	279 22	
R.23	69.82	8.0	44 4.25 (0.4)	16 3 44.6 (½)	*278 34	
133	70.72	7.7	4.15	43.9	81 28	
137	74	7.4	4.21	43.9	278 34	16°4016 9m.1

[1] Com. 9m 315°, 7″: N.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
42	69.80	(s. 9)	44m —	17°46′38″9	280°18′	
43	80	s. 9	4.41 (½)	40.8	280 18	3 F.
121	70.64	9.0	4.36	37.6	79 46	17°4104 9m2
24	69.53	h. 9	44 18.85	17 38 19.7	79 52	Z. 29: h.9m
32	56	9	18.95	21.2	280 8	
34	57	s. 9	18.88	19.6	280 8	
36	69.59	8-9	44 19.86	16 42 53.9	279 14	
131	70.72	9.0	19.77	52.8	80 48	
29	69.55	s. 8	44 23.67	17 38 35.4	79 52	Z. 24: 8m
32	56	8	23.60	38.9	280 8	
34	57	8-9	23.77	37.3	280 8	
42	69.80	(7)	44 —	17 23 47.5	279 54	
43	80	6-7	37.73	46.1	279 54	
121	70.64	7.4	37.66	46.8	80 8	
40	69.78	s. 9	44 52.42	15 49 27.8	278 20	
132	70.72	[9.4 W.]	52.40	28.4	81 42	
133	72	9.1	52.37 (½)	28.6 (½)	81 42	
41	69.78	h. 8	44 53.77	16 57 11.9	279 28	16°4027 9m
123	70.66	8.0	53.71	12.9	80 34	
17	69.49	h. 9	45 12.36	19 59 33.3	282 30	
20	51	h. 9	12.43	32.6	77 30	
35	69.58	s. 7	45 15.36	19 53 41.4	*282 24	
120	70.62	7.2	15.28	41.6	77 38	
36	69.59	6-7	45 19.47	16 32 31.3	279 2	
130	70.70	7.3	19.27	30.3	80 58	
37	69.61	[6-7]	45 —	19 43 22.1	282 14	
38	77	h. 8	22.45	20.7	282 14	
123	70.66	7.7	22.39	21.7 (½)	77 48	
17	69.49	h.9‥9	45 22.62	20 2 23.9	282 32	
20	51	9	22.68	24.3	77 28	
40	69.78	s. 8-9	45 47.91	15 24 26.6	277 56	
132	70.72	9.0	47.93	25.3	82 8	
25	69.53	h. 9-10	45 58.45	18 32 35.8	78 58	
33	56	s. 9	58.58	36.9	281 2	
37	69.61	9	46 —	19 49 33.4	282 20	
38	77	9	4.50 (½)	31.6	282 20	3 F.
123	70.66	9.1	4.54	32.9	77 42	
24	69.53	h. 8-9	46 16.17	17 29 26.9	80 2	
32	56	h. 8-9	16.17	27.6	280 0	
37	69.61	s. 8	46 —	19 29 1.8	282 0	
42	80	8-9	—	1.4	282 0	
43	80	h. 8-9	17.45	1.0	282 0	
120	70.62	8.8	17.35	1.7 (½)	78 2	
24	69.53	9	46 21.13	17 29 40.7	80 2	
32	56	9	20.99	40.9	280 0	
24	69.53	h. 8	46 22.19	17 31 17.5	80 0	
32	56	8	22.24	17.0	280 2	
41	69.78	h. 9-10	46 23.19	16 0 0.4	278 30	
130	70.70	9.3	23.20	0.5	81 32	δ etw. uns.
131	72	9.2	23.24	1.6	81 32	
42	69.80	h. 8 (W.)	46 —	15 0 12.0	277 30	
43	80	7	25.45	10.8	277 32	
132	70.72	7.5	25.44 (½)	11.5 (½)	82 32	
41	69.78	h. 9-10	46 38.70	16 50 5.3	279 20	
131	70.72	8.5	38.79	4.3	80 42	
37	69.61	8	46 —	19 31 59.9	*282 2	
38	77	8	41.61	32 0.2	282 2	
120	70.62	8.5	41.55	0.5	78 0	
25	69.53	7	46 47.41	18 21 7.6	79 10	
33	56	h. 7	47.23	7.0	*280 52	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
36	69.59	h. 8	46m48s64	16°18′59″2	278°48′	
130	70.70	8.4	48.70	59.7	81 12	
29	69.55	h. 8-9	46 53.11	17 6 38.9	80 24	
34	57	s. 8	53.08	37.6	279 36	
137	70.74	7.7	53.08	39.6	279 38	
40	69.78	8-9	46 55.46 (½)	15 36 44.3 (½)	278 8	
131	70.72	8.9	55.52	44.2	81 54	
35	69.58	s. 8	47 2.89	18 49 2.0	281 20	
120	70.62	8.4	2.83	0.9	78 42	
35	69.58	s. 9	47 2.91	18 30 30.5	281 0	
121	70.64	9.1	2.95	29.4	79 2	
35	69.58	8‥s.8	47 4.51	18 25 12.0	280 56	
121	70.64	8.0	4.43	10.0	79 6	
41	69.78	h. 8	47 13.33	15 55 26.1	278 26	
123	70.66	8.0	13.33	25.6	81 36	
24	69.53	h. 8	47 20.05	17 29 37.0	* 80 2	
32	56	s. 8	20.05	37.9	280 0	
25	69.53	h.8-9—s.8	47 20.12	18 29 27.2	79 2	
33	56	s. 8	20.11	27.1	281 0	
121	70.64	9.0	20.02	24.0	79 2	
29	69.55	9	47 24.38	18 0 54.2	79 30	
34	57	9	24.33	56.0	280 30	
36	69.59	h. 8-9	47 29.38	16 59 5.4	*279 28	
123	70.65	8.7	29.30	5.8	80 32	
29	69.55	9‥h.9	47 34.67	18 2 7.5	79 28	
34	57	9	34.68	8.4	280 32	
42	69.80	äu. schw.	47 —	17 42 [11±]	280 12	
43	80	s. 9	36.69	15.0	280 14	
121	70.64	8.9	36.79	16.0	79 50	
134	73	8.	36.69	15.5	280 14	
121	70.64	9.2	47 41.92	17 44 48.6	79 46	
134	73	8:	42.02	50.3	280 16	
17	69.49	s. 7	47 52.56	20 0 50.0	282 30	
20	51	h.7-8‥7-8	52.57	49.3	77 30	
17	69.49	h. 7-8	47 54.09	20 0 14.9	282 30	
20	51	7-8	54.21	12.9	77 30	
129	70.69	7.3 W.?	48 5.87	16 27 15.1	81 4	
136	73	7.6	5.89	14.5 (½)	278 58	
137	70.74	9.3	48 6.76	17 4 53.5	279 36	
38	69.77	9-10	48 10.01	17 37 44.0	280 8	
121	70.64	9.1	9.84 (½)	43.5	79 54	3 F.
40	69.78	s. 7	48 17.86	14 58 3.4	277 28	
131	70.72	7.4	17.90 (½)	3.8 (½)	82 34	C. 9m1 2s 345°
32	69.56	8-9	48 22.75	17 53 30.8	280 24	
120	70.62	9.1	22.63	31.4 (½)	79 38	
35	69.58	8-9	48 27.26	17 37 35.0	280 8	
121	70.64	8.8	27.35	34.2	79 54	
17	69.49	8	48 28.16	19 41 7.0	282 12	
20	51	h. 8	28.20	6.5	77 50	9m 4s v. 1′ S.
43	69.80	9	48 35.45	15 40 40.7	278 12	
129	70.69	8.5	35.35	41.0 (½)	81 50	15°3977 9m2
123	70.65	9.2	48 38.08	16 21 1.9	81 10	
136	73	9.0	38.19	2.9	278 52	
25	69.53	s. 9	49 2.39 (½)	18 20 40.7	79 10	2 F.
33	56	s. 9	2.37	41.1	280 50	
29	69.55	s. 9 zfl.	49 5.70::(½)	17 11 54.4::(½)	80 18	
34	57	s. 9	5.69	55.6	279 42	
36	69.59	8	49 6.56	17 1 9.3	*279 30	
123	70.65	8.0	6.70	9.4	80 30	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^h			
128	70.68	8.3	49^m 7^s.99	17° 6′ 3″.4	80° 26′	
137	74	8.0	8.02	4.5	279 38	
145	76	8.4	8.06	4.3	80 26	
125	70.67	8.2	49 8.49	16 47 46.2	80 44	
137	74	8.0	8.41	46.1	279 18	
123	70.65	8.8	49 14.23	16 55 22.7	80 36	
136	73	8.8	14.11	24.7	279 26	16°4062 9^{m}2
29	69.55	s.9	49 15.31	17 26 8.0	80 4	
34	57	s.9	15.35	8.2	279 56	
25	69.53	h.9	49 17.16	18 21 27.6	79 10	
33	56	s.8-9	17.21	26.9	280 52	
42	69.80	(8-9)	49 —	15 7 11.1	277 38	
43	80	h.8	23.75	11.6	277 38	
126	70.68	8.2 zfl.	23.76	11.5	82 24	
145	76	8.0	23.70	12.1	82 24	
127	70.68	8.9	49 26.61 (½)	14 58 20.5	82 34	2 F.
130	70	9.0	26.53	20.5	82 34	14°4091 9^{m}1
137	74	8.7	26.54	21.1	277 30	» 9.0
25	69.53	h.9	49 32.06	18 58 20.8	78 32	
33	56	h.9	32.11	20.1	281 28	
131	70.72	9.2	49 47.87	17 56 4.6	79 34	
133	72	9.2	47.77	6.2	79 36	
136	73	9.2	47.81	6.1	280 28	
17	69.50	h.9	49 53.11	19 53 41.8	282 24	
20	51	8-9‥h.8-9	53.16	39.7	77 36	
38	77	h.9	53.20	39.9	282 24	Z. 120: 9^{m}0
131	70.72	9.3	49 53.60 (½)	17 56 8.3	79 36	etw. uns.; 3 F.
133	72	9.4	53.47	7.6	79 36	
136	73	9.4	53.43	8.3	280 28	
24	69.53	8	49 55.73	17 51 38.7	79 40	
32	56	8	55.79	41.2	280 22	
37	69.61	8-9*	49 —	19 56 58.0::(½)	282 28	* gz. zfl.—Z. 38:
120	70.62	8.8	57.91	59.2	77 34	[8^m
134	73	8.4	57.91	59.4	282 28	
37	69.61	9	50 —	19 45 39.6	282 16	
38	77	9*	4.51	38.6	282 16	* 2. Schätzung:
120	70.62	9.2	4.63	37.8	77 46	[s. 8^m
37	69.61	8-9	50 —	19 41 14.8	282 12	
38	77	8	5.61	15.7	282 12	
120	70.62	8.5	5.55	14.9	77 50	
24	69.53	8	50 10.76	17 45 5.5	79 46	
32	56	8	10.72	6.3	280 16	
43	69.80	s.9	50 15.20	15 38 6.4	278 8	
127	70.68	9.1	15.26	6.6	81 54	Bel. e. z. hell
36	69.59	5-6	50 20.52	16 18 18.0	*278 48	
125	70.67	5.8	20.56	18.0	81 14	
32	69.56	9	50 23.58	17 46 40.9	280 16	
29	69.55	8	50 24.89	17 33 24.3	79 58	
34	57	s.8	24.84	24.6	280 4	
25	69.53	s.9	50 31.85	18 7 25.4	79 24	
33	56	s.9*	32.02	26.1	280 38	* nebl., od. s.
35	69.58	s.9	50 33.65	18 45 7.6	281 16	[unr.
121	70.64	8.7	33.76	7.9	78 46	
123	70.65	9.1	50 39.20 (½)	20 6 20.5 (½)	77 26	
136	73	8.7	39.25	20.9	282 38	
40	69.78	s.9	50 42.86	15 11 56.4	277 42	
126	70.68	9.0	42.89	54.9	82 20	15°3991(?) 9^{m}0
35	69.58	8	50 56.21	18 51 20.0 (½)	281 22	
121	70.64	7.8	56.20	20.9	78 40	
17	69.49	8-9	51 2.28	19 51 12.6	282 22	
20	51	h.8	2.29	11.7	77 40	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^h			
41	69.78	8.9	51^m 6^s.48	16° 4′ 36″.7	278° 34′	
125	70.67	8.4	6.41	36.6	81 28	
29	69.55	h.9	51 20.86	17 30 44.5	80 0	
34	57	s.9	20.93	43.6	*280 0	
36	69.59	h.9	51 29.64	16 58 43.9	279 28	
125	70.67	8.8	29.69	45.0	80 34	
137	74	8.5	29.68	45.1	279 30	
24	69.53	h.8‥s.7.8	51 31.68	18 0 30.5	79 30	
32	56	s.8	31.72	30.4	280 30	
120	70.62	8.6	51 33.81	19 13 53.5	78 18	
134	73	8.1	33.86	52.1	281 44	
40	69.78	h.8-9	51 39.70	15 15 52.6	277 46	
126	70.68	8.0	39.72	53.0	82 16	
38	69.77	8	51 48.75	19 27 51.9	281 58	
121	70.64	7.9	48.82	52.5 (½)	78 4	
42	69.80	äu. schw.	51 —	15 4 16.3 (½)	277 34	
43	80	8	50.03	18.1	277 34	
127	70.68	8.3 verw.	50.02	19.0	82 28	
145	76	8.0	50.02	19.3	82 28	
25	69.53	s.8-9	51 52.88	18 25 33.9	79 6	
33	56	s.8-9‥h.9	52.90	33.4	280 56	
24	69.53	8	51 59.06	17 17 55.0	80 12	
32	56	8-9	59.29	57.3	279 48	
123	70.65	8.8	52 1.70	19 57 37.7	77 34	
136	73	8.8	1.83 (½)	37.6	282 28	Bem. [1]
125	70.67	9.2	52 3.63	17 2 31.1	80 30	
137	74	9.1	3.76	29.9	279 34	17°4165 9^{m}1
41	69.78	8	52 4.63	16 48 42.1	278 58	
127	70.68	7.8	4.70	42.9	80 44	
41	69.78	s.5-6	52 4.95	16 27 13.8	278 58	
128	70.68	6.1	4.86	14.1	81 4	
24	69.53	h.9	52 16.45	17 18 9.6	80 12	
32	56	9‥s.9	16.25	10.4	279 48	
42	69.80	äu. schw.	52 —	15 16 21.6 (½)	277 46	
43	80	s.8-9	20.70	24.3	277 46	
126	70.68	8.3	20.78	23.8	82 16	
130	70.70	8.5	52 26.90	20 12 21.1	77 20	
134	73	8.0	26.85	20.8	282 44	
128	70.68	7.4	52 32.89	16 9 29.7	81 22	
137	74	6.8	33.00	29.7 (½)	278 40	16°4088 9^{m}1
36	69.59	9	52 33.24	16 47 42.3	279 18	
127	70.68	8.3	33.27	42.1	80 44	
38	69.77	8	52 36.55	19 20 0.1	281 50	
130	70.70	8.4	36.40	1.1	78 12	
36	69.59	s.8-9‥h.9	52 43.33	16 53 36.7	*279 24	
128	70.68	9.0	43.31	38.5	80 38	
35	69.58	9-10	52 48.72	18 54 30.4	281 24	
131	70.72	9.2	48.82	30.2	78 38	
25	69.53	h.9	52 52.71	18 5 27.9	79 26	
33	56	h.9	52.66	28.0	280 36	
131	70.72	9.0	52 53.14	15 23 45.0	82 8	
138	74	9.1	53.08	45.1	277 56	
145	76	8.6	53.09	44.6	82 8	
121	70.64	9.3	53 4.55	18 27 20.5	79 4	
133	72	9.3	4.65	20.3	79 4	
138	74	9.3	4.52	21.3	280 58	
133	70.72	9.3	53 7.11	18 27 11.3	79 4	
138	74	9.4	7.19	11.6	280 58	
*						

* Nr. 7832: γ Sagittae, Fund.-St.

[1] Dpl. 1″ 250° med. Einzeln etwa 9^{m}0 9^{m}0

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
131	70.72	{ 9.4	53m17s.59 (½)	18°26′29″.8:(½)	79° 6′	3 F. } Dpl.
		{ 9.2	17.86	44.9	79 6	
133	72	9.3	17.76	40.8:(½)	79 4	C. 9m.5 15″ 195°:
138	74	{ 9.5	17.59	29.1	280 58	} Dpl.
		{ 9.2	17.73	45.1	280 58	
38	69.77	9	53 19.03	19 16 30.5	281 46	
130	70.70	9.2	19.00	30.8	78 16	
25	69.53	s. 8-9	53 24.43	18 13 35.4 (½)	79 18	
33	56	8-9	24.27	35.1	*280 44	
24	69.53	8-9	54 5.02	17 21 43.2	80 8	
32	56	h. 8-9	5.02	43.5	279 52	
29	69.55	9	54 9.50	17 17 3.2	80 14	
34	57	s. 9	9.40	3.0	279 46	Z.126: 9m.0
29	69.55	8-9	54 16.85	17 59 58.5	79 30	
34	57	s. 8-9	16.86	59.5	280 30	
123	70.65	9.1	54 18.76	20 7 47.3	77 24	
134	73	9.1	18.72	46.9	282 38	
38	69.77	h. 8	54 23.81	19 32 55.9	282 4	
120	70.62	7.9	23.84	57.3	78 0	
126	70.68	6.0	54 24.59	17 10 35.0	80 22	
136	73	6.0	24.61 (½)	35.5 (½)	279 43	Bem.[1]
42	69.80	(8)	54 —	17 16 10.5	279 46	
43	80	7	29.85	12.2	279 46	
126	70.68	—	29.80	10.6	80 16	
32	69.56	8	54 32.09	17 18 2.6	279 48	
43	80	8-9	32.18	2.0	279 48	
126	70.68	8.8	32.04	2.8	80 14	
35	69.58	s. 9	54 34.18	18 22 2.4	280 52	
121	70.64	9.2	33.99	21 59.6	79 10	
25	69.53	8-9	54 38.58	18 59 7.6	*78 32	
35	58	8-9	38.55	7.2	*281 30	
121	70.64	8.6	38.61	6.3	78 32	
24	69.53	s. 8	54 43.46	17 36 4.6	79 54	
32	56	s. 8	43.55	5.0	280 6	
127	70.68	9.0	54 —	17 27 21.9	80 4	Z.131: 9m
133	72	9.0	49.88	21.6	80 4	
138	74	9.2	49.81	21.9	279 58	
127	70.68	8.8	54 —	17 29 48.6	80 2	
131	72	8.2	58.06 (½)	48.0 (½)	80 2	
133	72	8.6	57.94	48.2	80 2	
138	74	8.5	58.01	47.5	280 0	
33	69.56	8-9	54 59.14	18 59 31.2	*281 30	
121	70.64	9.0	59.17	30.6	78 32	
36	69.59	s. 8-9	54 59.46	16 39 8.7	279 10	
125	70.67	8.5	59.53 (½)	9.6 (½)	80 53	
123	70.65	9.0	55 0.87	20 9 25.4	77 22	
134	73	8.8	0.91	27.0	282 40	
40	69.78	s. 8	55 16.13	15 41 7.7	278 12	
125	70.67	8.2	16.12	8.4	81 50	
24	69.53	s. 9	55 18.43	17 44 22.7	79 46	
32	56	9	18.57	24.0 (½)	280 14	
38	69.77	7-8	55 20.43	19 39 41.0	282 10	
120	70.62	7.4	20.22	41.3	77 52	
29	69.55	h. 9	55 22.33	18 2 37.2	79 28	
34	57	h. 9	22.34	39.5	280 32	
120	70.62	9.0	55 22.69	19 11 44.1	78 20	
134	73	8.5	22.87	43.9	281 42	
41	69.78	s. 9	55 23.47	15 49 31.4	278 20	
127	70.68	9.0	23.61	33.2	81 42	

[1] 17°4184 9m.5, 4186 9m.2, bilden einen Dpl. 115″ 250°) ±

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19h			
40	69.78	h. 8	55m24s.65	15° 8′13″.6	277°38′	
126	70.68	8.1	24.56	10.5	82 24	
36	69.59	7-8	56 6.88	16 10 7.4	278 40	
123	70.65	7.7	6.90	7.7	81 22	
24	69.53	h. 9	56 15.31	17 44 52.6	79 46	17°4196 9m
32	56	9 · s. 9	15.27	53.9	280 14	
25	69.53	s. 9	56 17.33 (½)	18 57 22.9	78 34	3 F.
33	56	h. 9	17.39	22.1	281 28	
43	69.80	s. 9	56 29.55	14 59 46.3	277 30	
127	70.68	9.0	29.61	47.2	82 32	
29	69.55	h. 8-9	56 33.77	17 10 11.2	80 20	
34	57	8-9	33.63	10.3	279 40	
41	69.78	9	56 43.21	14 53 46.0	277 24	
128	70.68	9.1	43.24	48.4	82 38	
35	69.58	9-10	56 43.67	18 13 56.1	280 44	10m 1′ v. 0′.5 S.
121	70.64	9.0	43.89	55.5	79 18	
38	69.77	8-9	56 48.50	19 22 36.7	281 52	
123	70.65	8.8	48.54	36.7	78 10	
41	69.78	7	56 51.37	15 15 58.4	277 46	
128	70.68	7.7 verw.	51.38	57.2	82 16	
145	76	7.1	51.43	56.3	82 16	
40	69.78	h. 8-9	56 53.82	15 0 47.7	277 30	
43	80	8-9	53.79	46.6	277 32	
127	70.68	8.4*	53.89	46.6	82 30	* gz. verw.
35	69.58	s. 8	56 55.83	18 12 43.6	280 42	
121	70.64	8.5	55.81	43.4	79 20	9m.2 4′ N. mer.
38	69.77	8-9	57 0.06 (½)	20 1 29.8	282 32	3 F.
120	70.62	9.0	0.10 (½)	28.6	77 30	3 F.
38	69.77	s. 8-9	57 2.96 (½)	20 1 57.0	282 32	3 F.
120	70.62	9.1	2.89 (½)	56.3	77 30	3 F.
R.23	69.82	9.1	57 6.32 (½)	19 44 41.5 (½)	*282 16	
123	70.66	9.2	6.44	41.3	77 48	
134	73	9.1	6.27	43.4 (½)	282 16	
120	70.62	9.4	57 8.23	19 39 55.2	77 52	
134	73	9.0	8.27	53.5	282 10	
36	69.59	9 · s. 9	57 9.63	16 29 50.8	279 0	
125	70.67	8.7	9.68	50.3	81 2	
29	69.55	h. 9-10	57 12.98	17 34 35.6	79 56	
34	57	s. 9	13.04	36.4	280 4	
139	70.74	9.2	13.03	36.4	280 6	Z.128: 9m.1
40	69.78	s. 9	57 16.60	14 56 16.9	277 26	
128	70.68	9.2	16.61	18.4	82 36	
145	76	9.2	16.58	18.2	82 36	
126	70.68	8.5	57 18.24 (½)	15 6 47.9 (½)	82 24	3 F.
129	69	7.7:	18.20	48.7	82 24	
138	74	8.0	18.28	48.4 (½)	277 38	
123	70.65	7.2	57 25.19	17 56 50.5	79 34	
134	73	7.3	25.22	51.1	280 28	
128	70.68	9.1	57 32.06	17 34 35.9	79 58	Z.34: 9m
139	74	9.0	31.99	35.5	280 6	
127	70.68	9.2	57 37.89	15 23 43.4	82 8	Com. 9m.3
139	74	{ 9.2	37.81	42.8	277 54	} Dpl.
		{ 9.3	38.43	24 7.9	277 56	
146	76	{ 9.2	37.73	23 43.2	82 8	F. st. schl. } Dpl.
		{ 9.5	38.40	24 7.6 (2)	82 8	
24	69.53	9	57 38.90	17 30 55.3	80 0	
32	56	8-9	38.93	57.2	280 0	
25	69.53	7	57 39.89	18 9 9.1	79 22	
33	56	s. 6	39.98	8.9	280 40	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^h			
126	70.68	9.0 u. 9.3	$57^m 42^s.49$	15° 7′ 17″.5	82° 24′	D. 5″ 135° md.
138	74	{ 9.1	42.40	17.5	277 38	} Dpl. 7″ 120°
		{ 9.4	42.67	14.3	277 38	
33	69.56	h. 8	57 44.28	18 22 26.1	280 52	
121	70.64	8.0	44.33	27.2	79 10	
41	69.78	s. 9	57 46.42	16 19 3.6	278 50	
125	70.67	9.2	46.43 (½)	4.0 (½)	81 12	
42	69.80	hell	57 —	15 40 56.0	278 12	
43	80	h. 6	46.88	53.8	278 12	
126	70.68	6.0	46.84	53.7	81 50	s. unr.
145	76	7.0	46.83	54.5 (½)	81 50	
29	69.55	h. 9 .. s. 8-9	57 58.97	17 59 28.1	79 32	
34	57	8-9	59.04	29.2	280 30	
36	69.59	9	58 4.99	16 42 6.3	*279 12	
125	70.67	8.5	5.02	7.6	80 50	
125	70.67	9.2	58 15.05	16 44 2.3	80 48	
134	73	9.1	14.97	3.3	279 16	
129	70.69	7.5	58 18.02	16 21 33.2	81 10	
138	74	8.0:	18.07	33.8	278 52	
129	70.69	[6? W.]	58 18.94	16 46 17.0	80 46	
138	74	7.0	19.06	18.3	279 18	
25	69.53	s. 9	58 24.02	18 23 4.3	79 8	
33	56	s. 8-9	24.18	6.3	280 52	
128	70.68	{ 9.4	58 28.16	16 38 50.9	80 52	} Dpl. 7″ 200°
		{ 9.1	28.50	58.9	80 52	
139	74	{ 9.3	28.37	52.5	279 10	} » 6 200
		{ 9.0	28.57	58.1	279 10	
142	75	{ 9.5	28.30	51.5	279 10	} » 7 200:
		{ 8.8	28.52	57.8	279 10	
125	70.67	6.5	58 29.44	16 43 59.7	80 48	
134	73	6.5	29.33	44 0.8	279 16	Z.138: 7^m
35	69.58	s. 9	58 30.28	18 56 40.1	281 26	
121	70.64	9.2	30.26	40.3	78 36	$9^m.4$ 2″ v. 1′.5 S.
24	69.53	6-7	58 35.50	17 23 0.3	80 8	
32	56	7-8	35.55	2.0	279 52	
43	69.80	9	58 36.93	16 17 46.1	278 48	
127	70.68	8.9	37.02	44.5	81 14	
40	69.78	s. 9-10:	58 37.11	15 38 42.1	278 8	
126	70.68	9.3	37.30 (½)	43.6	81 52	3 F.
41	69.78	9	58 42.34	16 53 27.2	279 24	
123	70.66	9.2	42.27	27.2 (½)	80 38	
40	69.78	s. 9-10:	58 57.57	15 37 14.3	278 8	
126	70.68	9.2	57.72	14.0	81 54	
42	69.80	zl. schw.	59 —	15 32 54.8	278 4	
43	80	h. 7	2.93	52.8	278 4	
126	70.68	7.2	2.96	52.8	81 58	
126	70.68	9.2	59 3.41	15 32 19.3	82 0	
29	69.55	h. 8	59 5.73	17 34 39.3	79 56	
32	56	8	5.57	—	280 —	
34	57	8	5.61	39.6	280 4	
38	69.77	s. 8	59 7.11	19 11 36.3	281 42	
120	70.62	9.0	7.28	37.1	78 20	$9^m.2$ f. 0s.5: 1′ S.
38	69.77	8-9	59 7.84 (½)	19 10 45.6	281 42	3 F. — Z.120: [$9^m.2$
35	69.58	s. 9	59 7.92	18 33 55.2	281 4	
121	70.64	8.9	7.94	55.1	78 58	
24	69.53	h. 8	59 27.83	17 31 28.0	80 0	
32	56	h. 8	27.79	27.9	280 2	
36	69.59	9	59 28.82	16 19 18.9	278 50	
127	70.68	8.7*	29.08	20.8	81 12	* s. verw.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			19^h			
38	69.77	8	$59^m 30^s.76$	19° 50′ 56″.9	282° 22′	
123	70.65	8.1	30.80	56.0	77 40	
35	69.58	h. 9-10	59 34.95	18 33 31.0	281 4	
121	70.64	9.2	34.88	30.4	78 58	
38	69.77	s. 5	59 36.96	19 38 0.8	282 8	
120	70.62	5.8	36.82	1.1 (½)	77 54	
131	70.72	7.2	59 41.44	15 8 42.0 (½)	82 22	
139	74	6.4*	41.50	40.7	277 40	* röthlich
25	69.53	h. 9-10	59 41.60	18 44 3.2	78 46	
33	56	s. 9	41.52	1.3	281 14	
R.23	69.82	8.8	59 42.13 (½)	15 58 33.4 (½)	*278 30	Fäd. st. schl.
127	70.68	8.5	42.28	32.7	81 32	
138	74	8.1	42.21	31.3	278 30	
41	69.78	7-8	59 43.84	16 26 43.2	278 58	
125	70.67	7.8	43.83	43.0	81 6	16°4130 $9^m.$[illegible]
40	69.78	s. 9:	59 50.18	15 2 40.8	277 34	
			20^h			
35	69.58	9	0 1.09	18 16 18.8	*280 46	
121	70.64	9.2	1.06	20.5 (½)	79 16	
25	69.53	8	0 1.53	18 54 20.5	78 36	
129	70.69	7.8	1.39	18.7	78 38	
139	74	8.1	1.53	18.1	281 20	
40	69.78	s. 8:	0 2.49	15 3 12.7	277 34	
128	70.68	9.0	2.45	13.6	82 28	14°4160 $9^m.2$
29	69.55	h. 8	0 5.86	17 14 35.2	80 16	
34	57	7-8	6.00	37.1	279 44	
129	70.69	(8.9) W.	0 8.91 (½)	16 47 2.8	80 44	3 F.
134	73	8.7	8.82	3.4	279 18	
33	69.56	8-9	0 9.50	18 54 10.6	281 24	
129	70.69	8.3	9.46 (½)	10.6	78 38	3 F.
139	72	8.4	9.55	10.8	281 26	
24	69.53	7	0 17.80	17 53 20.9	79 38	
32	56	7-8	17.80	22.6	280 24	
36	69.59	9	0 22.22	16 12 0.7	278 42	
125	70.67	9.0	22.28	2.1	81 20	16°4139 $9^m.1$
120	70.62	(9.2)	0 23.24	19 36 12.2	77 56	
142	75	8.4	23.13	13.3	282 8	
120	70.62	(8.3)	0 24.73	19 13 31.1 (½)	78 18	
142	75	7.7	24.73	31.8	281 44	
43	69.80	s. 9	0 28.48	15 44 55.4	278 16	
126	70.68	9.1	28.52	56.4	81 46	
123	70.65	8.2	0 29.03	20 10 3.9	77 22	
142	75	8.0	29.04	4.3	282 42	
25	69.53	9	0 31.50	18 55 16.8	78 36	
33	56	s. 8-9	31.51	14.8	281 26	
25	69.53	h. 9-10	0 37.88	18 44 43.7	78 46	
33	56	s. 9	37.93	43.3 (½)	281 14	
41	69.78	s. 8-9	0 40.71	16 6 40.9	278 38	
125	70.67	8.8	40.69	41.3	81 24	16°4144 9^m
127	70.68	7.8	0 41.00	15 53 52.9	81 38	Z.126: h. 8^m
131	72	8.0:	40.98	53.3	81 38	
138	74	7.6	40.96 (½)	53.3 (½)	278 24	
123	70.65	7.9	0 43.29	20 9 41.5	77 22	
142	75	7.9	43.34	42.3	282 40	
128	70.68	9.2	0 43.97	16 50 40.5	80 42	Bel. zu hell
134	73	9.3	43.92	43.1	279 22	
38	69.77	9	0 57.70	19 47 35.4	282 18	
123	70.65	8.9	57.80	34.5	77 44	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20^{h}			
129	70.69	[8.5?]	$1^{m}\,0^{s}.07$	$16^{\circ}\,1'\,53''.3$	$81^{\circ}30'$	
134	73	9.1	0 59.98	51.9	278 32	
40	69.78	s. 9:	1 6.38	15 52 30.6	278 22	
126	70.68	9.1	—	31.1	81 38	
131	72	9.2	6.43	28.9	81 40	
41	69.78	h. 8	1 8.77	16 30 41.9	279 2	
131	70.72	8.2	8.66	41.9	81 0	
29	69.55	9	1 13.29	17 33 7.2	79 58	Z. 34: 9^{m}
24	69.53	8	1 19.45	17 8 35.8	80 22	
32	56	8-9	19.45	34.8	279 38	
34	69.57	9	1 21.00	17 34 6.7	280 4	Z. 29: $8\text{-}9^{m}$
42	69.80	schw.	1 —	14 54 29.0 (½)	277 24	
43	80	s. 8	23.76	27.7	277 26	
129	70.69	—	—	28.4	82 38	$14^{\circ}4181$ 9^{m}
131	72	8.0	23.77	28.6	82 36	
123	70.66	8.8	1 24.01	20 11 3.6	77 20	
139	74	8.2	23.99	3.4	282 42	
127	70.68	7.5 W.	1 37.37 (½)	15 43 0.6 (½)	81 49	
138	74	7.5	37.35 (½)	0.4 (½)	278 14	
142	75	7.3	37.39	42 59.7	278 14	
36	69.59	h. 8	1 48.01	16 39 38.1	279 10	
41	78	h. 8	48.12	38.4	279 10	
128	70.68	8.0	47.96	38.9	80 52	
125	70.67	7.3	1 49.45	16 17 15.0 (½)	81 14	
134	73	7.4	49.37	13.8 (½)	278 48	
29	69.55	s. 8-9	1 54.74	17 18 25.0	80 12	
34	57	h. 9	54.57	23.9	279 48	
40	69.78	s. 9:	2 1.82	15 47 21.0	278 18	
126	70.68	9.1	1.94	21.3	81 44	
25	69.53	9	2 6.53	18 56 49.8	78 34	
33	56	s. 8-9	6.49	48.7	281 28	
38	69.77	s. 8	2 12.12	19 28 34.1	281 58	
120	70.62	(8.6)	12.09	34.6	78 4	
R.23	69.82	8.6	2 13.95 (0.4)	16 26 26.3 (½)	278 58	
131	70.72	8.5	13.89	26.1 (½)	81 4	
138	74	8.4	13.90	24.8	278 58	
141	75	8.1	13.95	24.5	278 58	
38	69.77	s. 8 .. h. 8-9	2 15.07	19 28 43.8	281 58	
120	70.62	(8.8)	15.02	44.7	78 4	
40	69.78	h. 8-9:	2 15.97	15 48 18.3	278 18	
126	70.68	8.4	15.92	18.3	81 44	
128	70.68	9.0	2 16.12	16 43 17.2	80 48	
134	73	8.9	16.12	16.7	279 14	
25	69.53	9	2 20.29	18 54 39.7	78 36	Bem. [1]
33	56	9	20.32	40.6	281 24	
43	69.80	s. 9	2 20.46	15 26 38.1	277 58	
127	70.68	9.1	20.61	37.9	82 6	
24	69.53	s. 9	2 22.23 (½)	17 18 29.7::(½)	80 12	3 F.
32	56	h. 9-10	22.24	29.6	279 48	
36	69.59	6-7	2 24.49	16 18 9.3	278 48	
125	70.67	6.3	24.47	9.5 (½)	81 14	
35	69.58	8	2 26.07	18 28 31.4	280 58	
121	70.64	8.1	26.03	32.8	79 4	
41	69.78	8-9	2 28.94	16 40 52.1	279 12	
128	70.68	8.5	28.93	51.7	80 50	Z. 134: $8^{m}.8$
145	76	8.1	28.92 (½)	52.6 (½)	80 50	
126	70.68	8.1	2 43.13	15 18 57.1	82 12	
138	74	7.9	43.04	56.8	277 50	
141	75	8.0	43.03	55.5	277 50	

[1] $18^{\circ}4391$ h. $9\text{-}10^{m}$

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20^{h}			
35	69.58	8	$2^{m}\,46^{s}.23$	$18^{\circ}\,15'\,15''.4$	$280^{\circ}46'$	
121	70.64	8.3	46.39	13.6	79 16	
120	70.62	(8.0)	2 48.45	19 51 26.0	77 40	
139	74	7.7	48.51	25.5	282 22	
123	70.66	8.8	2 48.63	20 10 27.6	77 22	δ $24''.8$? [2]
139	74	8.7	48.57	24.8	282 42	
41	69.78	9	2 49.95	16 32 14.8	279 2	
125	70.67	9.3	49.83	14.2	81 0	
127	70.68	9.1	2 51.67	15 30 59.6	82 0	$15^{\circ}4060$ $9^{m}.3$
138	74	9.1	51.49	31 0.4	278 2	» 9.3
141	75	9.0	51.47	0.0	278 2	
24	69.53	9	3 1.71	17 58 25.3	79 32	
32	56	h. 9	1.65	27.0	280 28	
43	69.80	9	3 17.56	14 57 51.8	277 28	
128	70.68	9.0	17.62	52.3	82 34	
25	69.53	9	3 19.86	18 40 49.3	78 50	Z. 121: $8^{m}.5$
33	56	9	19.85	48.6	281 10	» 134: h. 9^{m}
127	70.68	8.5 W.	3 24.11 (½)	15 42 34.4 (½)	81 49	
134	73	8.9	23.98	33.0	278 14	
36	69.59	s. 7 .. h. 7-8	3 26.77	16 32 39.8	279 2	
125	70.67	7.1	26.74	40.3	80 58	
35	69.58	9-10	3 28.16	18 13 17.0	280 44	
121	70.64	9.2	28.07	15.7	79 18	
29	69.55	h. 9	3 35.16	17 59 55.5	79 30	
34	57	s. 8-9	35.29	56.5	280 30	
R.23	69.82	7.8	3 37.86 (½)	18 42 30.5 (½)	*281 14	
121	70.64	7.2	37.79	30.1	78 50	
134	73	7.2	37.79	29.5	281 14	
29	69.55	s. 9	3 40.74	17 58 45.3	79 32	
34	57	9-10 *	40.61 (½)	46.4	280 28	2 F. — * gzl. zfl.
38	69.77	9	3 45.92	19 42 7.7	282 12	
120	70.62	(9.2)	46.03	8.7	77 50	
42	69.80	s. schw.	3 —	17 3 42.7::(½)	279 34	
43	80	h. 8	51.76	44.2 (½)	279 34	
123	70.66	8.3	51.74 (½)	44.2 (½)	80 29	
41	69.78	h. 8	3 52.56	16 26 2.5	278 56	
125	70.67	7.8	52.48	3.3	81 6	
29	69.55	8-9	3 56.19	17 46 22.2	79 44	
34	57	8-9	56.21	23.8	280 16	
40	69.78	h. 8-9	3 57.56	15 49 19.5	278 20	
126	70.68	8.6	57.55	15.9	81 42	Bem. [3]
35	69.58	h. 8	3 58.10	18 25 2.0	280 56	
121	70.64	7.5	58.08	1.0	79 6	
25	69.53	s. 9	4 12.88	18 13 55.2	79 18	
33	56	h. 9	12.92	55.2	280 44	
24	69.53	h. 8	4 23.25	17 51 31.0	79 40	
32	56	8	23.28	32.0	280 22	
36	69.59	9	4 37.52	16 46 50.6	279 16	
123	70.65	9.0	37.55 (½)	49.2 (½)	80 45	
40	69.78	s. 8	4 41.25 (½)	15 39 13.5 (½)	278 10	
127	70.68	8.2	41.27	12.9	81 52	
32	69.56	s. 9-10	4 57.28	17 13 43.6	*279 44	

[2] Die starke Abweichung dieser Beobachtung von der zweiten und zugleich von den sonst vorhandenen Beobachtungen des Sterns lässt vermuthen, dass Mikr.-Abl. $-5^{p}.7$ falsch und zu verbessern ist $-4^{p}.3$.

[3] Der starke Unterschied der beiden Beobachtungen fällt der zweiten zur Last; vielleicht ist Mikr.-Abl. $26^{p}.6$- Schreibfehler für $24^{p}.6$- und δ zu berichtigen $20''.0$.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr	Bemerkungen
			20h			
24	69.53	9-10	5m 3s.68:: (½)	17° 8' 12".4:: (½)	80° 20'	
29	55	9-10	3.82	13.9	80 22	
34	57	9-10	3.91	11.3	279 38	
120	70.62	8.2	5 13.37	20 7 6.4	77 24	
138	74	7.6	13.36	6.3	282 38	
141	75	7.6	13.33	6.3	282 38	
37	69.61	8.9	5 14.81	19 24 21.0	281 34	
120	70.62	(9.2)	14.85 (½)	19.1 (½)	78 8	
41	69.78	h. 9-10	5 19.57	16 55 36.3	279 26	
127	70.68	9.2	19.72 (½)	36.3	80 36	
36	69.59	8.9	5 22.67	16 47 46.6	279 18	
123	70.65	8.7	22.75	46.6	80 44	
42	69.80	—	5 —	15 48 13.4	278 18	
43	80	7	26.14	13.7	278 18	
126	70.68	7.3	26.16	14.6 (½)	81 44	
35	69.58	9-10	5 27.00	18 38 47.2	281 8	18° 1413 9-10m [1]
121	70.64	9.4	27.05	42.8	78 52	9m.4
125	70.67	7.5	5 33.05	16 29 0.6	81 2	
134	73	7.5	32.89	0.1	279 0	
145	76	7.6	32.97	1.3	81 2	
25	69.53	8 s. unr.	5 38.22	18 59 46.2	78 32	
33	56	s. 7-8	38.12	46.0	281 30	
128	70.68	7.5	38.12	45.8	78 32	
36	69.59	9	5 50.64	16 46 53.9	279 18	
123	70.65	9.0	50.60	54.0	80 44	
131	70.72	9.1	5 52.47	15 15 1.2 (½)	82 16	Var. S Aquilae[1]
133	72	9.1	52.41	14 59.7	82 16	9m.5 3' n.v.
134	73	9.3	52.26	15 0.9	277 46	
138	74	9.3	52.38	0.2	277 46	
141	75	9.1	52.33	0.5	277 46	
142	75	9.2	52.32 (½)	0.7	277 46	3 F.
35	69.56	h. 8	5 52.58	18 6 43.5	280 36	
121	70.64	8.2	52.50	41.7	79 24	
133	70.72	9.0	5 53.20	15 13 30.0	82 18	
134	73	9.2	53.08	30.4	277 44	
138	74	9.2	53.08	31.5	277 44	
141	75	9.1	53.25	31.4	277 44	
142	75	9.2	53.16	31.8	277 44	
40	69.78	h. 7	6 5.19	15 30 16.5 (½)	278 0	
127	70.68	7.1*	5.22	15.3	82 2	* äuss. unr.
145	76	7.1*	5.15	15.9	82 2	* blass röthl.
126	70.68	9.0	6 7.40	15 41 18.0	81 50	
138	74	9.1	7.38	16.4	278 12	
141	75	9.1	7.41	16.6	278 12	
145	76	9.3	7.30	18.9	81 50	
41	69.78	9	6 7.62	16 33 56.4 (½)	279 4	
125	70.67	9.1	7.66 (½)	54.7	80 59	
35	69.58	8	6 9.87	18 59 3.9	281 28	
128	70.68	8.2	9.86	3.1	78 32	
38	69.77	9	6 10.99	19 52 51.5	282 24	
123	70.65	9.0	11.04	52.9	77 38	
38	69.77	8.5 h. 8-9	6 12.57	19 41 55.1	282 12	
120	70.62	(9.2)	12.61	55.2	77 50	
37	69.61	9	6 12.86	19 23 13.0	281 51	
123	70.65	8.9	12.88	14.5	78 8	
25	69.53	s. 9	6 15.04	18 6 18.7 (½)	79 24	
33	56	s. 9	15.02	19.3	280 36	
R.23	69.82	8.1	6 18.07 (0.4)	14 59 10.9 (½)	277 30	
127	70.68	7.0:	18.00	10.2	82 32	
129	69	7.5	17.97	9.8	82 32	
134	73	7.5	17.91	9.4	277 30	
			20h			
42	69.80		6m —	15° 57' 15".9	278° 28'	
43	80	8	20s.56	17.4	278 28	
126	70.68	8.4	20.58 (½)	16.9 (½)	81 34	
R.23	69.82	9.2	6 30.09 (0.3)	15 1 48.6 (½)	*277 32	3 F.
127	70.68	9.2	30.14	48.5	82 30	
129	69	9	30.01	49.6	82 30	
131	72	9.1	30.12	49.0	82 30	9m.5 [illegible]
133	72	9.2	30.18	47.1	82 30	9.6 [illegible]
134	73	9.3	29.99	48.3	277 32	
129	70.69	9.5	6 30.16	15 2 7.9	82 30	3 F.
41	69.78	8.9	6 32.57	16 10 7.2	278 40	
128	70.68	9.1	32.66	7.9	81 22	
40	69.78	8.7	6 34.81	15 50 39.7	278 20	
128	70.68	7.4	34.80	40.8	81 40	
35	69.58	h. 9-10	6 36.26	18 28 29.8	280 58	
121	70.64	9.2	36.32	29.3	79 2	
125	70.67	9.2	6 36.32	16 21 21.2	81 10	
138	74	9.0	36.37	21.7	278 52	
141	75	8.9	36.32	21.6	278 52	
24	69.53	s. 8	6 41.84	17 59 52.7	79 30	
32	56	s. 8-9	41.83	52.9	280 30	
38	69.77	h. 8-9	6 50.46	19 42 5.4	282 12	
120	70.62	(9.3)	50.54	6.4	77 50	
127	70.68	8.2	7 1.14	14 57 23.5	82 34	
134	73	7.9	1.04	23.2	277 28	
42	69.80	gr. schw.	7 —	15 43 [15±]	278 14	
43	80	7.8	7.20	18.9	278 14	
126	70.68	7.5	7.24	19.1 (½)	81 48	
37	69.61	8	7 19.41	19 10 12.2 (½)	281 40	
123	70.65	7.8	19.27	12.8	78 22	
142	70.75	9.5	7 23.64	17 51 53.0	280 22	
144	76	9.5	23.70 (½)	51.1 (½)	79 40	zl. sicher
223	71.50	9.3	23.79	44.7	79 40	Bem. [2]
24	69.53	9	7 34.04	17 29 46.4	80 0	
29	55	8.9	34.13	47.7	80 2	
32	56	9	34.06	47.0	280 0	Z. 34: 8.9
128	70.68	9.0	34.00	48.8	80 2	
25	69.53	h. 10	7 43.53 (½)	18 14 32.6 (½)	79 16	ganz unsicher
33	56	(h. 10)[3]	43.45: (½)	34.9	280 44	
121	70.64	9.3	43.34	33.3	79 16	
32	69.56	8.9	7 45.00	17 31 25.0	*280 2	Z. 29 [illegible]
34	57	9	44.98	25.7	280 2	
128	70.68	8.8	45.01	26.2	80 0	
38	69.77	h. 9	7 48.70	19 15 47.4	281 46	
120	70.62	10.4:	48.66	48.6	78 16	
40	69.78	s. 8	7 50.05	15 50 15.8	278 20	
126	70.68	8.2	49.98	17.9	81 42	
130	70	8.0	50.00	17.3	81 42	
126	70.68	6.5	7 51.15	15 53 22.0	81 38	
138	74	7:	51.07	22.0	278 24	
141	75	7.0*	51.03	22.1	278 24	* 7m.5
36	69.59	8.9	7 58.19	16 11 14.0	278 42	
129	70.69	s. 8:	58.28	14.0	81 20	
131	72	8.5	58.19	14.4	81 20	
42	69.80	—	8 —	15 46 53.9:: (½)	278 18	
43	80	s. 7-8	1.07	53.4	278 18	Bem. [4]
130	70.70	8.5 u. 8.5	1.15	53.2	81 44	Bem. [5]

[1] 15° 4079 9m.0; h. 9m 10' ± v. etwa 3' N.

[2] Abl. 25".35 ohne Zweifel Schreibfehler für 21".35. δ zu bericht. 52" [illegible]

[3] In dunkelm Feld, nachher in hel. Feld s. 9m geschätzt: Hgl. — 204 [illegible]

[4] Dpl. aeq. med. 1".5 105–110° [5] Dpl. med. 1".5 295°

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
4	69.83	9.2	8m 2s.48(0.3)	19° 58′ 1″.0 (½)	282° 28′	3 F.
1	70.64	9.0	2.22	4.5	77 34	
2	75	8.9	2.41	4.3	282 28	
9	69.55	s.8 .. h.8-9	8 3.88	17 47 54.9	79 44	
4	57	s.8 .. 8	3.86	54.0	280 18	Z.131: 8m
0	70.74	7.8	3.89	54.7	280 18	
6	70.68	9.0	8 8.24 (½)	15 49 40.5	81 42	3 F.
1	72	9.0	8.31	40.8	81 42	
8	74	9.0	8.22	40.1	278 22	
1	75	9.1	8.26	40.8	278 20	
7	70.68	8.4	8 11.03	16 2 49.8	81 28	
8	74	8.2	11.04	49.4 (½)	278 34	
1	75	8.6	11.06	49.9 (½)	278 34	
42	70.75	{ 9.4	8 13.55	19 58 53.6	282 30	} Dpl. 7″[1]
		{ 9.7	13.88::(½)	48.8::(½)	282 30	
44	76	{ 9.2	13.58	53.4	77 34	} D.(6″ 120°)±[2]
		{ 9.5	13.90	49.2	77 32	
		{ med.	13.78	51.2	77 32	Z.131: zus. 9m.7
39	70.74	10	8 13.95	17 51 35.3[3]	280 22	[3] wohl richtiger [38″.8]
41	69.78	h.8	8 18.20	16 28 53.8	279 0	
25	70.67	8.2	18.28	53.8	81 2	
25	70.67	8.8, 8.6[4]	8 21.35 (½)	16 20 58.6 (½)	81 10	[4] 2 unabh. Sch.[4]
34	73	9.3	21.30 (½)	59.2 (½)	278 52	
25	69.53	8-9 .. s.8-9	8 23.24	18 13 39.3	79 18	
33	56	8	23.18	38.5	280 44	
29	69.55	8	8 25.21	17 50 22.9	79 40	
34	57	h.8	25.30	23.9 (½)	280 20	
139	70.74	7.0	25.24	23.5	280 22	
24	69.53	s.7-8	8 26.53	17 25 16.4	80 6	
134	70.73	7.9	26.56	16.2	279 56	
36	69.59	9 .. s.9	8 36.44	16 37 34.1	*279 28	
123	70.66	9.3	—	34.6	80 34	16°4194 9m.4
128	68	9.3	36.35	34.8	80 34	
37	69.61	9	8 36.59	19 17 28.3	281 48	
120	70.62	(9.5)	36.45	27.2	78 14	
125	70.67	9.2	8 41.82	16 22 7.0	81 10	
134	73	9.3	41.68	7.6	278 54	
40	69.78	9	8 45.29	15 19 14.3	277 50	
126	70.68	9.0	45.20	14.8	82 12	
38	69.77	9	9 0.38	19 14 8.0	281 44	
120	70.62	(9.3)	0.43	7.5	78 18	
35	69.58	9-10	9 2.96:(½)	18 46 39.8:(½)	281 10	
121	70.64	9.1	3.06	39.9	78 46	18°4434 9m.3
40	69.78	h.9	9 14.42	15 19 24.4	277 50	
126	70.68	8.6	14.48	23.9	82 12	
125	70.66	9.1	9 —	20 10 58.8	77 20	
130	70	9.0	22.31	59.5	77 20	
134	73	9.2	22.32	58.8	282 42	
123	70.66	9.4	9 —	19 7 11.6	78 24	Z.43: s.9-10m
131	72	9.3	34.25	11.4	78 24	Z.128: 9m.4
41	69.78	9	9 36.11	15 59 57.3	278 30	
127	70.68	9.1	36.21	57.0	81 32	
43	69.80	s.9-10	9 36.09 (½)	19 7 53.2	281 38	3 F.
123	70.66	9.2	—	53.3	78 24	
128	68	9.2	36.31	54.0	78 24	
131	72	9.3	36.32 (½)	53.9	78 24	3 F.
25	69.53	s.8-9	9 38.78	18 5 35.4	79 26	
33	56	s.8-9	38.78	35.5	280 30	
			20h			
38	69.77	s.8-9	9m 41s.63	19° 14′ 55″.6	281° 46′	
120	70.62	(9.0)	41.81	56.0	78 16	
25	69.53	8	9 43.99	18 5 17.8	79 26	
33	56	8	43.99	18.2	280 36	
37	69.61	9	9 44.66	19 17 57.4	281 48	Z.38: h.9m
120	70.62	(9.3)	44.81	59.8	78 14	
43	69.80	8.9	9 47.61	15 3 22.9	277 34	
127	70.68	8.4	47.64	23.1	82 28	
32	69.56	s.9-10	9 56.49	17 11 29.0:	279 42	
41	69.78	s.7	9 58.83	14 56 9.3	277 26	
42	80	s. schw.	—	9.4	277 26	
127	70.68	7.5	58.84	9.8	82 36	
35	69.58	h.8-9	10 3.44	19 35 44.0	282 6	
121	70.64	8.0	3.34	44.6	77 56	9m.1 4′ N. mer.
40	69.78	s.9	10 7.45	15 56 18.8	278 26	
125	70.67	9.2	7.44	18.9	81 36	
40	69.78	h.9-10	10 11.03	15 56 1.0	278 26	Z.125: 9m.4
35	69.58	9-10	10 23.31 (½)	18 42 16.9:(½)	281 12	
121	70.64	9.1	23.42	17.0	78 50	
24	69.53	8-9	10 26.96	17 9 31.6	80 22	
29	55	s.8-9	27.06	31.9	80 22	
34	57	s.8	27.03	31.1	279 40	
24	69.53	8	10 41.63	17 24 41.2	80 6	
32	56	—	41.47	41.2	279 54	
123	70.66	8.0	10 —	20 10 2.7	77 22	
130	70	8.1	47.51	3.4	77 22	
134	73	8.5	47.49	2.3	282 40	
29	69.55	9	10 49.54	17 11 41.6	80 20	
34	57	9	49.48	39.6	279 42	
40	69.78	9-10	11 6.66	15 11 57.6	277 42	
126	70.68	9.2	6.73	58.5	82 20	15°4119 9m.2
29	69.55	8	11 10.92	17 26 43.6	80 4	schwkd.
34	57	s.8	10.88	42.4	279 56	
36	69.59	7-8	11 13.05	16 22 54.8	278 52	
130	70.70	7 W.	13.77	54.6	81 8	
145	76	7.2	13.80	53.5	81 8	
24	69.53	h.8	11 19.15	17 58 6.9	79 32	
32	56	h.8	19.18	8.1	280 28	
133	70.72	9.4	11 22.26	18 19 48.9	79 12	Z.131: 9m.4
138	74	9.4	22.25	47.9	280 50	
139	74	9.4	22.21	48.3	280 50	
41	69.78	s.7-8	11 24.69 (½)	15 29 18.5 (½)	278 0	
132	70.72	[wie 9]	24.80	17.6	82 2	
133	72	7.3	24.69	16.8	82 2	
131	70.72	9.2	11 26.08	18 19 27.9	79 12	
133	72	9.2	26.11	27.3	79 12	
138	74	9.3	26.11	27.3	280 50	
139	74	9.3	26.10	26.6	280 50	
25	69.53	s.8-9	11 35.74	19 0 58.4	78 20	
33	56	h.8-9	35.77	58.6	281 32	
43	69.80	s.8	11 46.50	19 50 30.7	282 20	
131	70.72	8.4	46.59	29.6	77 42	
25	69.53	s.8-9	11 58.88	19 1 57.6	78 30	
33	56	8-9	58.77	58.8	281 32	
35	69.58	9	11 59.95	19 15 5.3	281 44	
123	70.66	9.1	—	4.8	78 16	
128	68	9.2	59.78	5.4 (½)	78 16	
25	69.53	h.8-9	12 7.60	18 51 42.9	78 40	
33	56	8-9 .. h.8-9	7.48	42.6	281 22	

[1] kaum einzeln zu beob.
[2] kaum zu beob., namentlich Com.
[3] s. Bd. II S. 723, Anm.
[4] Var. R Sagittae

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20^h			
43	69.80	8	$12^m11^s.46$	20° 2′ 12″.4	282° 32′	
120	70.62	(8.8)	11.51	11.5	77 30	
40	69.78	8	12 12.56 (½)	15 37 22.4 (½)	278 8	
126	70.68	8.3	12.47	22.2	81 54	
41	69.78	9	12 17.82	19 46 1.5	282 16	
127	70.68	8.7	17.88	45 59.7	77 46	
36	69.59	s. 9	12 25.84	16 58 18.4	279 28	
121	70.64	9.4	25.95	18.8	80 34	
43	69.80	8-9	12 26.24	19 56 16.7	282 26	
123	70.66	8.7	—	16.5	77 36	
128	68	8.7	26.26	16.5	77 34	
133	70.72	8.6	12 30.05	20 11 35.7	77 20	
134	73	9.0	30.02	36.9	282 42	
36	69.59	s.9 .. 9	12 30.29	16 58 40.6	279 28	
121	70.64	9.2	30.34	40.3	80 34	
29	69.55	h. 8	12 35.65	17 56 22.9	79 34	
34	57	7-8	35.57	24.4	280 26	
24	69.53	s. 8-9	12 38.74	17 42 32.5	79 48	
32	56	9	38.66	32.1	280 12	
38	69.77	h. 8-9	12 44.00 (½)	19 37 2.2	282 10	2 F.
41	80	9	44.00	2.5	282 8	
120	70.62	(9.5)	44.03	1.5	77 54	Z.123: $8^m.5$
133	72	8.7	44.03	1.5	77 54	$9^m.2$ 1^s v. 1′.5 S
36	69.59	h. 9	12 50.24	16 4 41.2	278 34	
125	70.67	9.2	50.27	42.3	81 26	
36	69.59	s. 7-8	12 53.80	16 58 26.1	279 28	
121	70.64	7.0	53.74	25.1	80 34	
29	69.55	8-9	12 58.43	17 40 39.9	79 50	
34	57	8-9	58.40	40.1	280 10	
29	69.55	9	12 58.66	17 57 34.0	79 32	
34	57	9-10	58.65	35.1	280 28	
43	69.80	h. 9-10	13 10.75	19 37 37.3	282 8	
123	70.66	9.1	—	39.0	77 54	
128	68	9.2	10.63	38.2	77 54	
132	70.72	W.	13 28.09: (½)	20 4 —	77 —	
133	72	7.3	27.97	30.4	77 26	
134	73	7.8	27.87	30.9	282 36	
139	70.74	9.4	13 41.25	14 58 10.7	277 30	
35	69.58	8	13 42.02	18 26 3.7	280 56	
130	70.70	—	42.00 (½)	3.4 (½)	79 6	etw. uns.
133	72	8.0	41.94	3.2 (½)	79 6	
24	69.53	h. 9-10	13 42.55 (½)	17 18 35.6	80 12	3 F. — [1]
32	56	h. 9-10	42.50	37.8	279 48	Bem. [2]
40	69.78	h. 8	13 45.25 (½)	15 9 18.3 (½)	277 40	
126	70.68	7.8	45.31	17.6	82 22	
R.24	69.83	9.3	13 50.04 (0.4)	15 32 43.2 (½)	*278 4	
127	70.68	9.1	50.15	41.9	82 0	
134	73	9.2	50.08	41.0	278 4	Bel. e. z. hell
120	70.62	(9.4)	13 50.75	19 35 44.2	77 56	
R.23	69.82	9.1	13 53.59 (0.4)	14 58 1.2 (½)	277 28	
127	70.68	9.2	53.40	2.2	82 34	
138	74	9.2	53.41 (½)	1.8 (½)	277 29	
139	74	9.2	53.44 (½)	1.8 (½)	277 30	
25	69.53	s. 8-9	13 56.16 (½)	18 53 20.9	78 38	3 F.
33	56	9	56.20	21.5	281 24	
41	69.78	s. 8-9	14 1.60	15 53 20.8	278 24	
125	70.67	8.5	1.68	20.9	81 38	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20^h			
35	69.58	10	$14^m12^s.76$:: (½)	18° 5′ 28″.2:: (½)	280° 36′	dkl. Feld
121	70.64	9.4	12.82	29.6	79 26	
35	69.58	s. 8-9	14 18.20	19 2 1.4	281 32	
121	70.64	8.8	18.23	1.3	78 30	
43	69.80	9 .. s.9	14 24.31	18 24 48.8	280 56	
133	70.72	9.1	24.31	48.0	79 8	
40	69.78	s. 7	14 28.43 (½)	15 8 57.8 (½)	277 40	
126	70.68	7.0	28.43 (½)	57.7 (½)	82 23	
25	69.53	h. 9-10*	14 29.67 (½)	18 58 2.8	78 34	3 F. — * Wolk.
33	56	s. 9-10	29.57	4.5	281 28	
38	69.77	h. 9	14 35.62	19 32 44.2	282 2	
123	70.66	8.8	—	43.4	78 0	
128	68	9.0	35.63	43.0	77 58	
29	69.55	9	14 38.18	17 21 37.3	80 10	
34	57	s. 9	38.31	37.4	279 52	
38	69.77	9 .. s.9	14 38.25	19 25 46.2	281 56	Bem. [3]
128	70.68	8.6	38.34	49.8	78 6	
37	69.61	9	14 39.65	19 36 7.6	282 6	
120	70.62	(9.3)	39.51	9.2	77 56	
123	66	9.0*	—	6.3	77 56	* Bem. [4]
24	69.53	6	14 40.81	17 24 4.1	80 6	
32	56	6	40.68	4.0	279 54	Z.34: $4^m.5$
25	69.53	h. 8-9	14 44.45	18 56 37.5	78 34	
33	56	8-9	44.44	37.1	281 26	
36	69.59	9	14 47.34	16 10 5.3	278 40	
125	70.67	9.2	47.25	6.3	81 22	
43	69.80	7-8	14 53.48	15 37 15.0	278 8	
130	70.70	(h. 8)	53.61	14.9	81 54	
41	69.78	s. 9	15 6.05	15 55 8.0	278 26	
130	70.70	(9.0)	6.02	8.4	81 36	
24	69.53	h. 8	15 35.56	17 24 32.4	80 6	
32	56	s. 8	35.44	33.7	279 54	
40	69.78	8-9	15 44.02	14 58 0.0	277 28	
127	70.68	8.8	44.05	0.2	82 34	
29	69.55	8-9	15 45.94	17 54 28.0	* 79 36	
34	57	8-9	45.91	26.8	*280 24	
24	69.53	s. 9	15 46.46	18 0 18.3	79 30	
32	56	9 .. s.9	46.69	18.7	280 30	
40	69.78	s. 8-9	15 47.95	15 1 58.0	277 32	
127	70.68	8.9	48.05	57.2	82 30	
R.21	69.82	8.0	15 53.51 (½)	19 15 58.6 (½)	*281 46	
127	70.68	7.9	53.44	59.1 (½)	78 16	
134	73	7.8	53.37	58.5	281 46	
35	69.58	h.8 .. s.7-8	15 53.71	18 27 26.5	280 58	
121	70.64	7.9	53.79	25.2	79 4	
38	69.77	h. 8-9	15 54.13	19 42 0.6	282 12	
123	70.66	8.3	—	3.7	77 50	
128	68	8.4	54.08	3.5	77 50	
37	69.61	9	15 55.48	19 37 41.9	282 8	
123	70.66	9.2	—	40.0	77 54	
128	68	9.2	55.57	39.6	77 54	
41	69.78	s. 9	15 58.98	15 8 58.9	277 40	
126	70.68	9.1	58.93	59.1	82 22	
R.23	69.82	8.5	15 59.61 (0.4)	19 5 52.4 (½)	*281 36	
130	70.70	(8.3)	59.60	53.8	78 26	
134	73	8.2	59.47	52.7 (½)	281 36	

[1] 9-10^m f. 4^s: 1′ N. [2] 9-10^m f. 4^s 0′.5 N.

[3] Der starke Unterschied scheint dieser Beob. zur Last zu fallen; Abl. 22″.65 Schreibfehler für 24″.65? (δ dann 50″.2) [4] Eine zweite, unabhängige Schätzung gab $8^m.6$; Z.128: $9^m.0$

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
43	69.80	h.8	16m 18s.12	19° 13′ 48″6	281 44′	
127	70.68	8.0	18.02	48.4	78 18	
36	69.59	h.8-9	16 26.17	17 3 57.8	279 34	s. unr.
125	70.67	8.2	26.22	58.4	80 28	
40	69.78	s.8-9	16 27.98	15 58 59.2	278 30	
126	70.68	8.8	27.85	59.2	81 32	
133	72	8.6	27.92	57.5	81 32	
40	69.78	9	16 28.99	15 58 31.1	278 28	
126	70.68	9.2	28.95	30.0	81 32	Comans. dkl. F.
133	72	9.1	28.84	30.7	81 32	dgl.
37	69.61	h.8-9	16 31.18	19 57 44.2	282 28	
123	70.66	8.4	—	45.0	77 34	
133	72	8.5	31.04	45.3	77 34	
25	69.53	s.8	16 31.15	18 56 57.1	78 34	s. unr.
33	56	s.8	31.08	58.0	281 26	
41	69.78	s.8-h.8-9	16 32.60 (½)	15 51 15.2 (½)	278 22	
128	70.68	8.4	32.63	16.0	81 40	
130	70	(s.8)	32.64	15.1	81 40	
35	69.58	s.8-9	16 39.44	18 46 1.4	281 16	
121	70.64	8.9	39.42	4.7	78 46	18°4473 9m0
38	69.77	h.8-9	16 40.46	19 23 37.3	281 54	
128	70.68	8.5	40.46	36.5	78 8	
36	69.59	h.8	16 43.85	16 31 7.4	279 2	
135	70.67	7.5	43.84	8.8	81 0	
25	69.53	8-9	17 0.05	18 32 10.2	78 58	s. unr.
33	56	h.8-9	0.02	11.4	281 2	
43	69.80	h.8-9	17 8.30	16 5 33.5	278 36	
125	70.67	8.5	8.44	34.8	81 26	
38	69.77	s.7-8	17 10.67	19 27 7.8	281 58	
120	70.62	(8)	10.74	6.6	78 4	
29	69.55	h.9-s.8-9	17 15.05	17 56 28.1	*79 34	
32	56	s.8	14.88 (½)	28.0	280 26	3 F
34	57	s.8-9	14.86	26.4	*280 26	
37	69.61	s.8	17 24.39	19 55 44.8	282 26	
128	70.68	7.9	24.34	43.7	77 36	
41	69.78	s.8-9	17 28.80	16 35 28.5	279 6	
125	70.67	9.0	28.91	28.6	80 56	
40	69.78	h.7-8	17 32.20	14 57 44.4	277 28	
127	70.68	7.3	32.14	43.3	82 34	
24	69.53	8-9	17 37.53	17 58 4.5	79 32	
32	56	s.8-9	37.58	5.2	280 28	
36	69.59	h.9-10	17 40.01	16 32 28.4	279 2	
135	70.67	9.2	40.08	27.3	81 0	
43	69.78	6	18 9.04	15 38 43.7	278 10	
126	70.68	7.1	8.94	42.5	81 52	15°4147 9m0
130	70	7.2	9.01	42.3	81 52	
41	69.78	s.9-h.9-10	18 9.00	16 28 11.6	278 58	
125	70.67	9.2	9.05	11.7	81 4	
24	69.53	9	18 30.90	17 21 14.6	*80 10	
32	56	s.8-9	30.83	15.3	*279 52	
36	69.59	8	18 37.57	16 28 31.0	278 58	
41	78	8-9:	37.50	31.3	278 58	
135	70.67	7.8 s.unr.	37.45	32.1	81 4	
145	76	8.1	37.47 (½)	31.1 (½)	81 4	
35	69.58	8-9	18 38.48	18 44 32.6	*281 14	
121	70.64	8.7	38.69	34.4	78 48	
41	69.78	h.8	18 43.55	15 19 27.9	277 50	
126	70.68	8.3	43.51	28.5	82 12	
130	70	8.0	43.69 (½)	28.9 (½)	82 13	
24	69.53	9	18 44.27	18 5 18.0	79 26	
33	56	9	44.30	18.3	280 36	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
37	69.61	s.8	18m 46s.30	19° 10′ 21″0	281 40′	
120	70.62	wie 9.1	46.50	19.3	78 22	
40	69.78	6-7	18 50.43	15 11 25.4	278 14	
126	70.68	7.3	50.36	26.2	81 46	
128	68	7.2	50.38 (2)	26.3	81 48	
35	69.58	8 h.8	19 5.19	18 53 32.3	281 24	
127	70.68	8.0	5.19	32.2	78 38	
38	69.77	9	19 7.29	19 19 1.5	281 50	
127	70.68	9.1	7.27	0.8	78 12	
25	69.53	s.8	19 12.84	18 33 27.5	78 58	
33	56	8-9	12.77	26.0	*281 4	
36	69.59	9	19 32.82	16 35 23.9	279 6	
125	70.67	9.0	32.69	26.2	80 56	
29	69.55	s.9-10	19 37.70:	17 30 11.5::	80 0	dkl. Feld
34	57	h.10	37.73±	13±	280 0	
33	69.56	s.9	19 58.07	18 46 27.9	281 16	
121	70.64	9.1	57.97	26.7	78 46	
38	69.77	8	19 59.46	19 4 0.4	281 34	
120	70.62	(8.8)	59.36 (½)	0.8 (½)	78 28	
121	64	7.9	59.44	1.2	78 28	Z.127: h.8m
35	69.58	s.9-10	20 2.19 (½)	19 2 22.2	281 32	∂ dkl. Feld
127	70.68	9.3	2.33	23.1	78 30	
29	69.55	h.9-10 s.9	20 6.00	17 16 1.7	80 14	
34	57	s.9	6.02	1.1	279 46	
29	69.55	h.9	20 16.93	17 17 16.2	80 14	
32	56	8-9	16.78	15.5	279 48	
31	57	9	17.02	15.8	279 48	
37	69.61	h.9	20 19.89 (½)	19 7 44.7	281 38	3 F
120	70.62	(9.4)	20.02	42.1	78 24	
38	69.77	6-7	20 25.15	19 27 27.2	281 58	
123	70.65	6.5	25.12	29.3	78 1	
123	70.65	7.8	20 27.37	20 10 31.4 (½)	77 20	
134	73	8.0	27.31	32.5	282 42	
36	69.59	6	20 40.13	16 54 28.0	279 24	
127	70.68	6.0	40.13	28.1	80 38	
40	69.78	8-9	21 0.66	15 38 36.6	278 8	
126	70.68	8.4	0.66	36.7	81 54	
128	68	8.4	0.67	36.1	81 54	
40	69.78	s.8-9 h.9	21 5.90	15 29 40.4	278 0	
126	70.68	8.7	—	40.8	82 2	
128	68	9.0	5.75	40.4	82 2	
40	69.78	8-9	21 6.01	16 31 47.1	279 2	
125	70.67	8.6	6.01	46.4 (½)	81 0	
25	69.53	8	21 27.67	18 43 43.5	78 48	
33	56	h.8-9	27.71	42.1	281 14	
36	69.59	h.8	21 31.57	16 18 6.9	278 48	
41	78	h.8	31.57	7.6	278 48	
126	70.68	8.0	31.50	7.4	81 14	schwkd.
145	76	7.5	31.54 (½)	6.2 (½)	81 14	
35	69.58	h.8	21 34.13	18 25 20.0 (½)	280 56	
121	70.64	8.0	34.16	17.8	79 6	
123	70.65	9.0	21 37.63 (½)	20 9 34.2	77 22	3 F
134	73	8.9	37.60	35.1 (½)	282 40	
123	70.65	5.5	21 39.84	20 4 0.5	77 28	
134	73	6.5	39.78 (½)	3 59.6 (½)	282 35	
37	69.61	s.9	21 44.92 (½)	19 54 20.9	282 24	3 F
128	70.68	9.0	44.82	20.6	77 38	
29	69.55	h.8	21 46.86	18 33 26.0	78 58	
34	57	s.7-8	46.90	25.2	281 4	Z.121: 8m0
38	69.77	h.8-9	21 49.57	19 40 9.3	282 10	
120	70.62	[wie 9]	49.66	10.6	77 52	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
37	69.61	8	21m57s.42	19° 12′ 23″.8	281° 42′	
121	70.64	8.4	57.39	25.3	78 20	
35	69.58	s.9 -- 9	21 57.78	18 36 27.2	281 6	
121	70.64	9.2	57.73	27.8	78 50	
24	69.53	h.9	22 5.86	17 40 2.7	79 52	
32	56	8-9	5.85	5.1	280 10	
32	69.56	9-10	22 14.56	17 40 19.8	280 10	2 F.
126	70.68	8.8	22 20.99	16 29 1.0	81 2	
35	69.58	8	22 31.26	19 21 2.0	281 50	
121	70.64	8.2 gr.zfl.	31.19	20 59.7	78 10	
25	69.53	s.7 -- h.7-8	22 36.55	18 21 32.2	79 10	
33	56	s.7	36.46	33.2	280 52	
36	69.59	s.9	22 39.57	16 56 52.6	279 26	
127	70.68	9.0	39.59 (½)	52.9	80 36	
29	69.53	h.8-9	22 41.94	19 1 22.4	78 30	
34	57	8-9	41.84	20.7	281 32	
38	69.77	8 -- h.8	22 45.11	19 41 56.5	282 12	
120	70.62	wie 8	45.23	58.0	77 50	
41	69.78	9	22 47.34	16 14 44.0	278 46	
125	70.67	9.1	47.38 (½)	45.9	81 18	
123	70.65	8.5	22 49.31	20 6 0.3	77 26	
134	73	8.2	49.35 (½)	5 58.3	282 37	
24	69.53	s.8-9	23 0.87	17 59 7.0	79 32	
32	56	s.9	0.78	7.8	280 30	
40	69.78	h.7-8	23 17.62	15 50 23.1	278 20	
123	70.66	7.3	17.66	23.5	81 42	
38	69.77	s.8-9	23 17.80	16 34 14.5	279 4	
126	70.68	8.1	17.75	14.2	80 58	
40	69.78	8	23 23.72	15 51 33.5	278 22	
123	70.66	8.1	23.77	32.2	81 40	
36	69.59	s.9	23 26.72	16 12 41.5	278 42	
125	70.67	9.0	26.83	40.8	81 18	
24	69.53	s.7-8	23 41.87	18 2 33.1	79 28	
32	56	h.8	41.77	33.3	280 32	
35	69.58	7	23 45.66	19 40 22.3	282 10	
37	61	6	45.65	20.7	282 8	
120	70.62	(wie h.8)	45.54	20.7	77 52	
25	69.53	s.8-9	24 1.09	18 55 13.2	78 36	
33	56	h.9 -- s.8-9	1.13	13.7	281 26	
121	70.64	9.1	24 2.31	16 46 57.4	80 44	
128	68	9.0	2.27	54.2 (½)	80 44	
133	72	9.0	2.42	57.6	80 44	
40	69.78	h.9	24 2.32 (½)	15 30 29.1 (½)	278 0	
126	70.68	8.7	2.36	29.8	82 2	
36	69.59	s.8-9	24 14.90	16 49 9.0	279 20	
41	78	8-9	14.90	8.9	279 20	
121	70.64	8.5	14.87	8.8	80 42	
128	68	8.4	14.92	9.6	80 42	
133	72	8.5	14.90	8.5	80 42	
128	70.68	8.5	24 14.91	20 11 20.4	77 20	
134	73	8.6	14.95 (½)	21.6 (½)	282 43	
29	69.55	h.8	24 22.90	17 9 44.2	80 22	
32	56	7-8	22.88	43.7	279 40	
34	57	h.8	22.91	43.8	279 40	
37	69.61	s.6	24 27.84	19 15 2.8	281 44	
120	70.62	[wie 8]	27.82 (½)	2.2 (½)	78 16	
130	70	7.4	27.82 (2)	2.3 (2)	78 17[1]	st. schwkd.
			20h			
38	69.77	10	24m28s.13 (½)	15° 42′ 30″.8 (½)	278° 12′	3 F.
43	80	h.9-10	28.37	34.0	278 14	
126	70.68	9.3	28.39	33.7 (½)	81 50	
25	69.53	h.8	24 29.74	19 0 47.0	78 30	
33	56	h.8	29.75	48.1	281 30	
41	69.78	s.8-9	24 35.46	16 39 14.1	279 10	
125	70.67	8.8	35.59	13.5	80 52	
25	69.53	7-8	24 36.74	19 0 14.0	78 30	
33	56	s.8 -- h.7-8	36.83	13.4	*281 30	
35	69.58	9	24 37.58	18 28 26.7	280 58	
121	70.64	9.0	37.70	26.8	79 4	
24	69.53	8-9	24 49.80	17 12 24.6	80 18	
32	56	8-9	49.87	24.5	279 42	
40	69.78	h.9	24 54.85	15 28 20.5	277 58	
126	70.68	8.7	54.89	19.9 (½)	82 4	
29	69.53	h.9 -- s.8-9	24 55.92	18 7 53.5	79 24	
34	57	8-9	55.94	51.7	280 38	
41	69.78	9	24 58.57	16 54 34.9	279 24	
125	70.67	9.0	58.51	35.0	80 38	
43	69.80	h.9	25 0.01	15 2 18.9	277 32	
128	70.68	8.8	0.05	19.9	82 30	
38	69.77	h.10	25 6.61	20 2 53.9	282 32	
120	70.62	[wie 10]	6.73 (½)	[53±]	77 28	3 F., st. schl.
123	66	9.2*	6.70	56.0	77 28	* unr. u. schw.
145	76	9.1	6.61	54.5	77 28	
35	69.58	8 -- h.8*	25 18.48	16 39 24.8	279 10	* röthlich
125	70.67	7.4	18.51	23.7	80 52	
43	69.80	7	25 19.31	15 23 20.2	277 54	
127	70.68	7.0	19.22 (½)	18.2 (½)	82 8	
123	70.66	6:	25 22.65:	20 11 6.3	77 20	* äuss. un
134	73	6.9	22.67	7.7 (½)	282 43	
145	76	6.8	22.68	5.5	77 20	
37	69.61	s.9-10	25 23.35	19 42 7.8	282 12	Bem.[2]
121	70.64	{ 9.3	22.63	12.4	77 50	} Dpl.
		{ 9.4	23.38	8.4	77 50	
24	69.53	s.9	25 27.57	17 12 —	80 —	
32	56	s.9	27.63	55.9	279 42	
24	69.53	9	25 44.80	17 10 55.5	80 20	
37	69.61	9	25 57.89	19 45 10.8:(½)	282 16	
120	70.62	9.5	58.04	10.4	77 46	
121	64	9.0	57.92 (½)	9.3	77 46	3 F.
134	73	9.2	57.87	11.0	282 16	
36	69.59	7-8	26 8.04	16 34 15.1	279 4	
125	70.67	7.6	7.98	14.0	80 58	
40	69.78	8	26 8.10	15 29 30.6	278 0	
126	70.68	7.3	8.08	30.3	82 2	
41	69.78	h.9	26 10.09	15 40 27.7	278 10	
127	70.68	8.3	10.14	27.9 (½)	81 52	
40	69.78	8	26 23.35	15 27 40.6	277 58	
126	70.68	7.4	23.40	40.0	82 4	
25	69.53	s.7	26 27.92	18 12 21.2	79 18	
33	56	s.7	27.91	21.9	*280 42	
29	69.53	s.9	26 37.17	18 7 8.9	79 24	
34	57	s.9	37.03 (½)	6.5±(½)	280 38	fast uns.[3]
R.23	69.82	8.6	26 53.62 (½)	15 5 11.1 (½)	277 36	
123	70.66	9.0	53.61	11.9	82 20	
134	73	8.6	53.60	10.7 (½)	277 36	

[1] 2 Abl. von 78° 16′, 1 von 78° 18′

[2] Com. h.10m 1s v. 8″ N.

[3] Hgl. −0s.074 ang.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
35	69.58	s.7-8	26m58s.98	16°20′39″.1	*278°50′	
128	70.68	7.3	58.85	38.8	81 12	
36	69.59	s.9	27 4.79	16 32 30.9	279 2	
125	70.67	9.1	4.89	31.8	81 0	
R.21	69.82	9.3	27 7.84 (½)	15 19 38.1 (½)	277 50	
130	70.70	9.4	7.87 (½)	36.8:(½)	82 12	3 F.
133	72	9.2	7.86	38.1	82 12	15°4191 9m.4
134	73	9.3	7.86	37.5	277 50	
136	73	9.0	7.91	37.1	277 50	15°4191 9m.2
24	69.53	s.9-10	27 10.19	17 37 4.0	79 54	10m 15″ 320°±
32	56	9	10.37	5.1	280 6	kein Com. gesehen
R.24	69.83	8.8	27 12.19(0.4)	15 28 53.3 (½)	278 0	
126	70.68	8.9	12.18	51.6	82 2	
128	70.68	8.7	27 14.42	16 48 7.8	80 44	
137	74	8.4	14.44	6.8	279 18	
37	69.61	8	27 18.08	19 51 49.7	282 22	
120	70.62	8.8	18.16 (½)	50.8 (½)	77 38	
130	70.70	8.8	27 20.86	15 35 45.0	81 56	
138	74	8.4	20.78	43.8	278 6	
130	70.70	8.4	27 25.03	16 55 30.0	80 36	Dpl.??
138	74	8.4	24.93	31.4	279 26	
141	75	8.5	24.89 (½)	31.1 (½)	279 26	
127	70.68	9.1	27 32.58	14 59 5.0	82 32	
136	73	8.8	32.62	3.9	277 30	
25	69.53	8	27 43.83	18 12 15.4	79 18	
33	56	s.8 .. h.8-9	43.75	16.5	280 42	
35	69.58	h.9	27 48.46	18 7 13.7	280 36	
121	70.64	9.0	48.47 (½)	13.2	79 24	3 F.
36	69.59	9-10	27 53.51 (½)	17 0 11.4::(½)	279 30	3 F.
128	70.68	9.1	53.73	13.3	80 32	
R.24	69.83	8.4	28 4.23(0.4)	15 21 13.6 (½)	*277 52	
123	70.66	8.9 zfl.	4.23	11.3	82 10	Z.130: h.9m
134	73	8.0	4.13	11.9	277 52	
145	76	8.5	4.11	10.8	82 10	
24	69.53	h.9-10	28 4.20::(½)	17 5 55.5::(½)	80 24	3 F.
29	55	s.9	4.21	54.4	80 26	
32	56	h.9-10	4.27	54.1	279 36	
34	57	s.9	4.31	55.1	279 36	
25	69.53	h.9-10	28 9.89	18 21 38.9	79 10	
33	56	s.9	9.94	38.5	280 52	
127	70.68	8.7	28 15.04	14 55 38.6	82 36	
136	73	8.5	14.98	37.4	277 26	14°4342 9m.2
29	69.55	s.9	28 18.32	17 24 54.3	80 6	
32	56	s.9	18.39	54.1	279 54	Bem.[1]
34	57	9	18.27	56.3	279 54	
R.21	69.82	7.3	28 19.88	17 45 31.6	280 16	
130	70.70	7.2	19.98	32.3	79 46	
137	74	7.0	19.98	30.7 (½)	280 16	
40	69.78	h.8	28 20.95	15 23 52.8	277 54	Z.123: h.8m
126	70.68	8.0	20.93 (½)	50.6	82 8	2 F.
130	70	8.5	21.06	52.3	82 8	Z.134: h.8m
38	69.77	s.8	28 30.50	19 31 27.8	282 2	
120	70.62	(8.7)	30.59	27.8	78 0	
24	69.53	7	28 —	17 25 31.3	80 6	
29	55	8 .. h.8	33.15	33.4	80 6	
32	56	h.8	33.09	32.4	279 56	
34	57	7-8	33.15	31.1	279 56	15″ gross
37	69.61	7-8 orge	28 38.39	19 6 10.1*	281 36	* viell. 11″.1
121	70.64	8.0	38.29	10.8	78 26	

[1] Com. s.9-10m? (5″ 210°)

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
35	69.58	9	28m41s.20	16°42′42″.1	279°12′	
125	70.67	9.0	41.32	42.4	80 50	
43	69.80	s.8	28 47.18	19 59 56.4	282 30	
120	70.62	[wie 9.2]	47.22	57.6	77 32	
41	69.78	...*	28 50.02[2]	14 58 12.2	277 28	* s.9 .. h.9-10
127	70.68	9.1	50.10	11.2	82 34	
36	69.59	s.9	29 3.39	16 16 52.2	278 46	
123	70.65	9.3	3.52	50.5	81 14	
35	69.58	9-10	29 13.93	16 19 27.8	278 50	
123	70.66	9.4	13.96	27.2	81 12	
41	69.78	s.9	29 14.82	14 59 1.2	277 30	
R.23	82	8.0	14.66 (½)	58 59.4 (½)	277 30	
127	70.68	8.6	14.78	59 0.4	82 32	
37	69.61	8-9	29 37.06	19 5 51.6	*281 36	
120	70.62	(9.2)	37.14	52.4	78 26	
40	69.78	9	29 42.03	15 30 17.5	278 0	
126	70.68	9.0	—	16.8	82 2	
133	72	9.0	41.94	16.7	82 2	
43	69.80	s.9-10	29 45.08	15 34 49.9:(½)	278 6	
128	70.68	9.2	45.40	49.9	81 56	
130	70.70	9.1	29 51.95 (½)	15 47 0.3	81 44	1 F.
134	73	8.7	51.93	46 59.1	278 18	
41	69.78	8 .. s.8	29 —	14 56 13.0	277 26	
127	70.68	7.6	53.16	13.0	82 36	
25	69.53	s.9	30 7.70	18 19 0.6	79 12	
33	56	s.8-9	7.66	2.9	280 48	
40	69.78	9-10	30 18.86	15 16 52.8	277 48	
128	70.68	9.1	18.81	53.4	82 14	
36	69.59	7	30 30.64	16 22 56.5	278 52	
125	70.67	7.0	30.60 (½)	56.8 (½)	81 9	
24	69.53	s.8	30 —	17 22 43.5	80 8	
29	55	8-9	37.61	44.1	80 8	
32	56	h.8-9	37.60	43.8	279 52	
34	57	8-9	37.63	43.5	279 52	
25	69.53	s.8-9	30 39.69	18 45 32.4	78 46	
33	56	s.8-9	39.72	32.9	281 16	
35	69.58	h.9-10	30 42.76	18 29 35.3	281 0	
121	70.64	9.2	42.69	33.3	79 2	
130	70.70	9.3	30 47.64	20 10 3.6	77 22	
133	72	8.5	47.60	2.3	77 22	
136	73	8.8	47.60	2.9	282 40	
41	69.78	h.9	30 47.70 (½)	14 57 9.6	277 28	2 F.
127	70.68	8.5	47.64	9.3	82 34	
36	69.59	8-9	30 50.81	16 42 53.3	279 12	
125	70.67	8.7	50.86	53.1	80 50	
43	69.80	s.8	30 55.49	16 16 49.0	278 48	
130	70.70	8.7	55.47	51.5	81 14	
R.21	69.82	9.1	30 56.61(0.4)	19 55 54.7 (½)	282 26	
123	70.66	9.0	56.67	55.7	77 36	Z.120: 9m.4
134	73	9.0	56.58	55.4	282 26	
R.24	69.83	9.1	30 57.03 (½)	19 59 42.9 (½)	282 30	
120	70.62	(9.5)	57.10	42.7	77 32	
134	73	9.2	56.86	43.5	282 30	Bel. e. z. hell
24	69.53	h.9	31 —	17 50 35.5	79 40	
29	55	s.8-9	0.57	37.3	79 40	
32	56	h.8-9 .. 8-9	0.55	36.6	280 20	
34	57	8-9	0.69	37.6	280 20	
40	69.78	h.9-10	31 2.91	15 37 23.2	278 8	
126	70.68	9.2	2.95	22.4	81 54	

[2] Streifenablesung unsicher

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20^h			
35	69.58	h. 9-10	$31^m25^s.27$	18°23′22″.2	280°54′	
121	70.64	9.3	25.37	19.8	79 8	18°4545 $9^m.2$
37	69.61	s. 9	31 27.38	19 54 54.1	282 26	
123	70.65	8.9	27.62	53.9	77 38	19°4463 $9^m.0$
41	69.78	s.8-9 -- h.9	31 28.01 (½)	16 7 4.0 (½)	278 38	
127	70.68	9.0	28.00	5.0	81 24	
25	69.53	h. 10	31 42.75:(½)	18 40 29.5 (½)	78 50	dkl. Feld
33	56	h. 10	42.48::(0.3)	31.8 (½)	281 10	
121	70.64	9.4	42.83	31.5	78 52	
137	74	9.3	42.68	31.3	281 12	
36	69.59	h. 9-10	31 50.30	16 44 19.2	279 14	
125	70.67	9.3	50.27	19.5	80 48	
36	69.59	s. 9	31 54.15	16 43 58.1	279 14	
125	70.67	9.2	54.02	58.9	80 48	
43	69.80	9 -- s.9	31 54.94	18 8 41.4	280 40	
128	70.68	9.1	54.84	39.4 (⅔)	79 24	
R.24	69.83	9.0	31 55.45 (½)	19 48 46.7 (½)	282 20	
123	70.66	9.2	55.35	46.3	77 44	19°4467 $9^m.0$
138	74	8.5	55.40	45.3	282 20	
37	69.61	s. 9	31 55.57	19 54 11.7	282 24	
123	70.65	9.1	55.54	10.5	77 38	
121	70.64	8.0	32 1.82	18 38 5.4	78 54	
134	73	7.9	1.75	6.4	281 10	
35	69.58	8	32 8.62	18 40 37.2	281 10	
121	70.64	8.5	8.85	38.4	78 52	Z. 134: 8^m
24	69.53	6	32 —	17 49 48.7	79 40	
29	55	h. 7	12.76	49.8	79 42	
32	56	s. 6	12.72	48.6	280 20	
34	57	5	12.67	48.5	280 20	20″ gross
32	69.56	h. 9	32 16.90	17 49 58.2	280 20	
25	69.53	s. 8-9	32 20.91	19 2 14.5	78 28	
33	56	s. 8-9	20.90	14.6	281 32	
41	69.78	s. 9	32 22.91	17 0 26.6	279 30	
127	70.68	9	23.08	27.7 (⅔)	80 32	
43	69.80	9	32 33.32	18 22 37.1	280 54	
130	70.70	8.8	33.38	37.1	79 10	
130	70.70	9.3	32 49.51	18 25 52.9	79 6	etw. uns.
131	72	9.0	49.44	51.9	79 6	
136	73	8.5:	49.46	49.4	280 56	Z. 43: 9^m
123	70.66	9.7	32 56.18	19 40 48.0	77 52	
137	74	9.4	56.16	46.7	282 12	
128	70.68	8.7	32 56.72	18 35 49.2	78 56	
134	73	8.4	56.69	48.8 (⅔)	281 6	
37	69.61	9	33 5.15	19 58 26.8	282 28	
120	70.62	(9.2)	5.16	27.0	77 34	
126	70.68	6.2	33 17.07	15 24 0.0	82 8	
136	73	6.0	17.09	0.2	277 54	
127	70.68	8.8	33 22.02	15 2 42.6	82 30	14°4378 $9^m.0$
139	74	8.9	22.06	41.3	277 34	
125	70.67	9.3	33 22.14 (⅔)	16 47 28.0 (⅔)	80 45	
138	74	9.2	22.11	27.9	279 18	
130	70.70	(9)	33 26.22	17 25 44.6	80 6	
138	74	8.3	26.01	44.9	279 56	17°4373 $9^m.1$
123	70.66	8.0	33 28.45	19 7 15.6	78 24	
139	74	8.0	28.50 (⅔)	16.7 (⅔)	281 38	
R.23	69.82	8.4	33 49.09 (0.4)	18 30 33.4 (⅔)	281 0	
128	70.68	8.7	49.00	33.7	79 2	
134*	73	9.1	49.03	33.1	281 2	
			20^h			
139	70.74	9.3	$33^m50^s.48$	18°59′ 1″.3	281°30′	
R.24	69.83	9.1	33 51.67 (0.4)	18 41 22.4 (⅔)	*281 12	
131	70.72	9.1	51.56	21.4	78 50	
134	73	9.1	51.62	22.0	281 12	
37	69.61	h. 9	34 1.54	19 51 41.7	282 22	
120	70.62	(8.8)	1.65	41.2	77 40	
128	70.68	8.4	34 27.13 (⅔)	18 58 50.3 (⅔)	78 34	
139	74	8.4	27.14	49.1	281 30	
125	70.67	8.9	34 29.24	17 4 39.1	80 28	
138	74	8.6	29.11	38.9	279 36	
123	70.65	8.8	34 32.67	15 16 11.3	82 16	
136	73	8.4	32.58	9.5	277 48	
40	69.78	7	34 45.98	15 11 59.1	277 42	
126	70.68	7.3	45.85	57.0	82 18	
37	69.61	h. 7 zfl.	35 6.08	19 28 55.2	*281 58	
120	70.62	(7.7)	5.98	54.9	78 4	
43	69.80	7	35 9.91	17 7 39.1	279 38	
125	70.67	7.0	10.02	40.6	80 24	
40	69.78	8-9	35 20.31	14 58 53.8	277 30	
126	70.68	8.3	20.27	52.8	82 32	
120	70.62	9.0	35 29.27	17 45 36.3	79 46	
134	73	8.5	29.31	36.0	280 16	
41	69.78	9	35 31.53	16 33 30.3	279 4	
121	70.64	9.0	31.38	28.9	80 58	
40	69.78	h. 8-9	35 43.39	14 56 29.6	277 26	
126	70.68	8.0	43.39	28.7	82 34	
125	70.67	8.5	35 51.99	16 58 38.3	80 32	
137	74	8.0	51.98	38.8	279 28	
43	69.80	9-10	36 7.70	15 20 58.6	277 52	
123	70.66	9.2	7.74 (½)	59.1	82 10	3 F.
121	70.64	8.5	36 11.82	19 4 32.9	78 28	
138	74	8.0	11.90	31.9	281 36	
127	70.68	6.8	36 13.79	17 4 28.4	80 28	
138	74	7.0	13.82	27.5	279 36	
127	70.68	8.7	36 19.79	17 54 13.2 (⅔)	79 38	
136	73	8.7	19.77	13.9	280 26	
41	69.78	9-10	36 21.08	16 22 8.6	278 52	
125	70.67	9.3	21.05	7.4	81 10	
37	69.61	7-8	36 31.06	19 25 9.4	281 54	
120	70.62	(8.3)	31.09 (⅔)	9.3 (⅔)	78 6	
R.22	69.82	7.8	36 31.93 (½)	19 10 55.1 (⅔)	281 42	
123	70.66	7.8	31.88	59.5	78 20	
139	74	7.8	31.84	58.0	281 42	
126	70.68	9.0	36 32.97	15 39 58.3	81 52	
133	72	9.3	33.05	56.7	81 52	Z. 137: s.8-9^m
154	87	9.2	33.11 (⅔)	57.2 (⅔)	278 11	
128	70.68	8.0	36 43.07	18 56 57.8	78 34	
138	74	7.7	43.07	57.7	281 28	
137	70.74	8.9	36 50.17	15 40 54.6	278 12	
143	75	8.5	50.19	55.2	81 50	
154	87	9.2	50.18	55.0	278 12	
127	70.68	9.0	36 55.78	17 56 21.1	79 36	
136	73	9.0	55.79	21.6	280 28	
121	70.64	9.0	36 56.48	18 31 42.6	79 0	
139	74	9.2	56.40	42.3	281 2	
142	75	9.1	56.47 (⅔)	42.3 (⅔)	281 2	nicht gut
127	70.68	9.0	37 4.76	17 5 32.6	80 26	
138	74	9.1	4.79	33.2	279 36	

* Nr. 8312: α Delphini. Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
128	70.68	8.9	37m 9s.13	18° 44′ 17″.3	78° 48′	
137	74	8.8	9.06	17.1	281 16	
130	70.70	(9)	37 9.68	18 36 40.4	78 56	
131	72	8.5	9.66	40.0	78 56	
137	74	8.0:	9.61	39.4	281 8	
142	75	8.8	9.68	39.6	281 8	
125	70.67	8.8	37 18.23	16 39 17.2	80 52	
134	73	8.9	18.14	16.9	279 10	
125	70.67	9.1	37 19.40	16 38 22.4	80 54	Var. *S* Delphini
134	73	9.1	19.42	23.0	279 10	
121	70.64	8.3	37 20.67	18 52 25.3	78 40	
134	73	8.8	20.73	25.9	281 22	
128	70.68	9.1	37 21.52	18 59 41.6	78 32	
134	73	9.1	21.56	41.0	281 30	
126	70.68	{ 9.1	37 42.19 (½)	16 29 44.2	81 2	3 F. } Dpl. 4″
		{ 9.4	42.27 (½)	38.4	81 2	3 F. } 190°
136	73	{ 9.1	42.17	43.1	279 0	} Dpl. 6″ 3°
		{ 9.1	42.18	38.3	279 0	
131	70.72	9.2	37 51.19	18 31 4.9	79 0	Z. 137: 9m
154	87	9.4	51.16	6.3	281 2	
37	69.61	8	37 51.53	19 25 58.9	281 56	
120	70.62	(8.7)	51.58	59.7	78 6	
37	69.61	8	37 59.50	19 16 44.6	281 46	C. 9m 5″ 310°
123	70.65	{ 9.2	59.14	50.9	78 16	} D. (12″ 305°) ±
		{ 8.0	59.53	44.6	78 16	
131	70.72	9.1	38 4.42	18 30 53.4	79 0	
137	74	9.2	4.51	54.2	281 2	
154	87	9.3	4.43	55.4	281 2	
R. 21	69.82	9.1	38 5.95 (0.4)	19 45 29.6 (½)	*282 16	
R. 23	82	8.7	6.02 (½)	30.6 (½)	*282 16	
131	70.72	9.0	6.01	29.7	77 46	
139	74	9.0	6.02	31.8	282 16	
128	70.68	8.9	38 9.56	18 46 9.2	78 46	
137	74	9.1	9.46	7.6 (½)	281 16	
126	70.68	8.0	38 15.00	17 7 18.9	80 24	
136	73	8.2	15.05 (½)	18.3 (½)	279 39	
121	70.64	8.7	38 24.05	18 54 48.8	78 38	
134	73	8.7	24.10	48.5	281 26	
41	69.78	s. 9-10	38 25.35	15 53 15.7	278 24	sicher
125	70.67	9.3	25.34	15.0 (½)	81 38	Bel. zu hell
131	70.72	9.0	38 30.16	18 9 20.2	79 22	
138	74	9.1 sic	30.16	21.2	280 40	
40	69.78	9-10	38 48.95	15 13 13.0	277 44	
126	70.68	9.2	49.02	12.8	82 18	
43	69.80	s. 7-8	38 50.54	19 3 47.8	281 34	
128	70.68	7.8	50.63	50.0	78 28	
127	70.68	8.8	38 57.87	17 49 42.4	79 42	
138	74	9.0	57.86	43.7	280 20	
154	87	9.3	57.86	42.6	280 20	
37	69.61	8	39 7.90	19 15 51.4	281 46	
120	70.62	(8.8)	7.88	54.0	78 16	
37	69.61	s. 7	39 9.60	20 2 21.8	282 32	
120	70.62	(8.0)	9.60	21.8	77 30	
244	74.64	s. schw. 9	39 10.32	15 57 1.8	81 35	Z. 245: 9m.1
						» 246: 9.0
123	70.66	wie 9.3. W.	39 12.96	20 13 6.0	77 18	
139	74	9.0 sic	12.87	5.3	282 44	
145	76	9.0	12.87	4.9	77 18	
44	69.85	s. 9	39 20.23	18 13 37.8	280 44	
121	70.64	9.3	20.05	38.2	79 18	
127	70.68	8.5	39 27.49	17 50 23.7	79 42	
138	74	8.3	27.52	24.7	280 22	
			20h			
127	70.68	9.0	39m 29s.23	17° 34′ 54″.1	79° 56′	17°4398 9m.2
134	73	9.0	29.14	55.0	280 6	» 9.2
245	74.66	9.4	39 33.83	15 56 42.5	81 35	s. wen. sicher [1]
246	67	9.4	33.86	43.0	278 29	schwierig
43	69.80	6-7 *	39 44.87	17 38 11.9	280 8	* röthlich
131	70.72	7.2	44.80	11.6	79 54	
44	69.85	8-9	39 59.17	18 7 22.3	280 36	
121	70.64	8.3	59.08	22.1	79 24	Z. 137: 8-9m
142	75	8.5	59.15	21.4	280 38	
128	70.68	9.1	40 2.05	18 40 34.4	78 52	
136	73	9.3	1.98	34.7	281 12	
41	69.78	h. 9	40 5.02	16 10 2.5	278 40	
125	70.67	9.1	—	1.7 (½)	81 22	
133	72	9.1	4.87	2.4	81 22	
144	76	—	4.96 (½)	2.0 (½)	81 22	
121	70.64	9.3	40 9.11	18 5 54.0 (½)	79 26	
137	74	9.2	9.09	56.0	280 36	
142	75	9.2	9.07	54.1	280 36	
131	70.72	9.1	40 15.91	17 46 42.3	79 46	
134	73	9.1	15.84	42.6	280 18	
40	69.78	{ s. 8-9	40 23.84	15 27 6.9	277 58	} Dpl. 7″ 355°
		{ s. 8	23.84	26 59.4	277 58	
126	70.68	{ 8.9	23.73	27 5.4	82 4	} » 6-7 0
		{ 8.0	23.79	26 58.2	82 4	
127	70.68	8.8	40 29.11	14 56 12.1	82 36	
139	74	8.9	29.07	11.7	277 28	14°4413 8m
133	70.72	9.3	40 32.62	19 1 22.5	78 30	
138	74	9.2	32.65	21.3	281 32	
43	69.80	9	40 36.79	17 27 37.9	279 58	
131	70.72	8.6	36.82	36.6	80 4	
41	69.78	7-8	40 39.70	16 26 55.0	278 58	
125	70.67	7.4	39.71	53.9	81 4	
**						
133	70.72	8.6	40 57.04	18 19 6.4	79 12	
134	73	8.4	57.07	7.7	280 50	
44	69.85	9	40 57.39	18 47 31.8	281 16	
128	70.68	9.0	57.39	31.5	78 44	
128	70.68	9.3	41 4.81 (½)	18 31 40.0	79 0	
133	72	9.3	4.82	40.5	79 0	
134	73	9.4	4.87	40.7 (½)	281 2	
136	73	9.2	4.84	41.9	281 2	
37	69.61	8-9	41 5.61	19 40 3.8	282 10	
120	70.62	(9.0)	5.68	3.5	77 52	
121	70.64	9.2	41 13.60	18 10 27.7	79 22	
139	74	9.0	13.60	27.6	280 42	
44	69.85	9 W.?	41 24.98	18 50 20.6	281 20	
128	70.68	8.8	25.08 (½)	21.7 (½)	78 42	etw. uns.
143	75	9.0	25.03	21.7	78 42	
44	69.85	9-10	41 25.06	18 47 54.5	281 18	
128	70.68	9.2	25.08	55.7	78 44	Z. 143: 9-s. 9m
41	69.78	h. 9-10	41 27.76	16 8 18.9	278 38	
125	70.67	9.3	—	19.3	81 22	
143	75	9.2	27.64	19.1	81 24	
43	69.80	9	41 30.52	17 31 21.9 (½)	280 2	
131	70.72	8.5	30.49	22.6	80 0	
136	73	7.8	30.47	20.8 (½)	280 2	
126	70.68	8.2	41 31.06	16 2 53.1	81 28	
137	74	8.1	31.07	52.0	278 34	

** Nr. 8382-3: γ Delphini; seq. Fund.-St., pr. 1870.8 −0s.839 −0″.14 5 B., s. Cat. S. 202.

[1] Var. *T* Delphini. — 9m.6 f. 11″ (15°4245b)

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20^h			
40	69.78	7-8	$41^m 49^s.15$	15° 46' 52".5	278° 16'	
126	70.68	7.5	49.12 (½)	52.6	81 44	1 F.
130	70	—	49.17 (2)	52.3 (½)	81 45	
133	70.72	8.1	41 59.46	16 18 40.8	81 14	
136	73	7.5	59.44	40.3	278 50	Z.141: $8^m.5$
141	70.75	9.2	42 2.64 (½)	16 16 29.2 (½)	278 48	Bem.[1]
145	76	9.3	2.59*	30.9	81 16	*(mit F.1 $2^s.46$)
121	70.64	9.3	42 5.70	17 9 53.8	80 22	
137	74	9.3	5.67	53.9	279 40	
121	70.64	9.3	42 10.93	17 4 7.8	80 28	$9^m.4$ f. 6^s 2' N.
137	74	9.2	10.89	7.9	279 36	
37	69.61	h.9-10	42 13.65	19 33 23.0	282 4	
120	70.62	(9.4)	13.89 (½)	18.7::(½)	77 58	3 F.
131	72	9.0	13.75	22.2	77 58	
40	69.78	8	42 25.25	15 0 37.2	277 30	
127	70.68	8.0	25.20	36.9	82 32	
41	69.78	h.9	42 37.33	16 9 27.2	278 40	
125	70.67	9.0	—	26.6	81 22	
131	72	8.8	37.35	26.7	81 22	
126	70.68	8.8	42 43.45	15 58 34.0	81 32	
134	73	9.1	43.55	34.0	278 30	
41	69.78	8-9	42 45.93	16 26 33.0	278 56	
125	70.67	8.7	—	33.6:(½)	81 6	
133	72	8.6	45.87	33.3	81 6	
43	69.80	8	42 51.92	17 22 51.8	279 54	
128	70.68	8.2	51.93	51.8	80 10	
145	76	7.9	52.05	51.7	80 10	
43	69.80	8‥s.8	43 2.67	17 23 32.4	279 54	
128	70.68	8.5	2.81	30.8	80 8	Z.121: $8^m.5$±
145	76	8.1	2.82	31.3	80 8	
R 22	69.82	8.3	43 3.16 (½)	19 23 58.5 (½)	*281 54	
120	70.62	(8.7)	3.39	57.3	78 8	
136	73	8.3	3.19	57.8	281 54	
126	70.68	8.4	43 15.67	15 49 56.4	81 42	
134	73	8.0	15.76	56.0	278 20	
37	69.61	s.9	43 23.27	19 21 13.0	281 50	
120	70.62	(9.3)	23.39	13.7	78 10	Z.136: $8^m.5$
40	69.78	s.9‥h.9-10	43 28.78	14 58 45.7	277 28	
127	70.68	9.0	28.87	45.8	82 34	
R.21	69.82	9.1	43 30.86 (½)	19 53 1.8 (½)	*282 24	
123	70.66	9.3	30.99	1.5	77 38	etw. uns.
131	72	9.2	30.99	3.0 (½)	77 38	Bel. zu hell
137	74	9.2	30.92	2.5	282 24	
43	69.80	s.9	43 34.77	17 28 2.4	279 58	
121	70.64	8.9	34.93	2.4	80 4	
44	69.85	h.8-9	43 36.77	18 1 31.4	280 32	
121	70.64	8.6	36.76	31.7	79 30	
R.23	69.82	8.9	43 38.52 (½)	19 58 8.2 (½)	282 28	
120	70.62	(9.1)	38.68	7.7::(½)	77 34	
123	66	wie 9.1	38.73 (½)	9.2 (½)	77 34	etw. uns.
137	74	{ 9.5	38.56	1.0	282 28	} Dpl. 6" 200°
		{ 9.0	38.67	8.2	282 28	
143	75	{ 9.4	38.44	2.3 (½)	77 34	} » 7 200
		{ 9.1	38.66	8.8	77 34	
126	70.68	8.0	43 47.30	15 31 44.7	82 0	
136	73	7.4	47.38	44.1	278 2	
40	69.78	h.8-9	43 54.64	15 24 41.9	277 54	
126	70.68	8.2	54.64	41.1	82 8	
127	68	8.4	54.70	40.6	82 8	
154	87	8.8	54.70	41.1	277 56	Z.145: h.9^m

[1] Z.133: $9^m.1$, Z.136: $9^m.1$

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20^h			
145	70.76	9.2	$43^m 54^s.90$	15° 22' 53".7	82° 8'	Z.126: 9^m.[illegible]
154	87	9.5	54.88	54.1	277 54	» 127: 9.[illegible]
126	70.68	9.2	44 1.87	15 23 6.4	82 8	Z.127: 9^m.[illegible]
145	76	9.1	1.97	8.3	82 8	
154	87	9.4	1.95	6.6	277 54	
41	69.78	h.9-10	44 21.91	16 47 52.5	279 18	
125	70.67	9.3	21.85	50.7	80 44	schwierig
133	72	9.2	21.88	50.9	80 44	
145	76	9.3	21.75	51.7	80 44	
37	69.61	s.9	44 21.74	19 27 1.3	281 56	
123	70.65	wie 9.2	22.00	2.0	78 6	
145	76	9.1	22.00	2.8	78 4	
44	69.85	s.9	44 26.54	17 47 43.8 (½)	280 18	
128	70.68	9.2	26.72	44.2 (½)	79 44	
125	70.67	9.0	44 —	16 44 52.4	80 46	
133	72	8.6	31.48	52.8	80 46	
136	73	8.1	31.43	52.1	279 16	
43	69.80	s.9	44 41.08	17 33 51.5	280 4	
128	70.68	9.1	40.99	51.3	79 58	
131	70.72	9.3	44 46.71	18 44 53.9	78 46	
137	74	9.3	46.67	52.8	281 16	
41	69.78	h.8-9	44 48.79	16 59 27.3	279 30	
125	70.67	8.1	—	27.6	80 32	
133	72	[8.5*]	48.74	27.5	80 32	* 8.1 ?
43	69.80	6	44 52.15	17 35 7.7	280 6	
128	70.68	7.0	52.08	6.6	79 56	
44	69.80	h.9	44 58.74	18 54 4.2	281 24	
121	70.64	9.2	58.70	6.3 (½)	78 38	
37	69.61	8	45 3.16	20 0 39.0	282 30	
120	70.62	(8.5)	3.18	37.8	77 32	
125	70.67	9.3	45 —	17 2 14.8	80 30	
133	72	9.3	5.29	15.8	80 30	
134	73	9.2	5.30 (½)	14.3	279 32	
128	70.68	9.0	45 16.57	17 35 58.5	79 50	
136	73	8.4	16.58	57.6	280 6	
40	69.78	h.8	45 18.07	15 34 49.7	278 4	
126	70.68	8.2	18.01 (½)	50.8	81 56	2 F.
130	70	(s.9)	18.11	50.0	81 56	
36	69.59	h.9	45 33.90	16 26 45.8	278 56	
41	78	h.9	33.78	46.6	278 56	
125	70.67	9.1	—	45.5	81 6	
131	72	9.0	33.82	45.7	81 4	
127	70.68	8.4	45 34.82	17 44 4.8	79 48	
137	74	8.0	34.84	3.2	280 14	
120	70.62	(9.2)	45 53.74	19 29 57.9	78 2	
139	74	8.6	53.76	58.3	282 0	
134	70.73	9.0	45 54.98	17 18 29.3	279 48	
43	69.80	9	45 58.13	17 48 31.8	280 18	
127	70.68	8.6	58.15	30.8 (½)	79 44	
R.22	69.82	9.1	45 59.34 (½)	19 14 0.8 (½)	281 44	
120	70.62	(9.3)	59.33	13 59.5	78 18	
139	74	8.9	59.34	59.4	281 44	
44	69.85	9-10	46 0.27	18 14 47.4	280 44	
121	70.64	9.1	0.43	47.5	79 18	Fäd. st. schl.
R.23	69.82	9.1	46 0.63 (0.3)	19 44 55.1 (½)	282 16	
123	70.65	9.0	0.85 (½)	55.4 (½)	77 48	
136	73	9.1	0.65	55.7	282 16	
123	70.65	8.5	46 6.73	19 43 55.1	77 48	
136	73	8.8	6.59	55.3	282 14	
40	69.78	h.9	46 8.38	15 55 35.0	278 26	
126	70.68	9.1	8.38	34.2	81 36	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
44	69.85	9-10	46m17s.39	18°15′50″.3	280°40′	
121	70.64	9.3	17.53	47.9 (½)	79 16	
137	70.74	9.3	46 20.82	20 8 21.7	282 38	
143	75	9.2	20.85	23.9	77 24	
154	87	9.4	20.93 (½)	23.3 (½)	282 40	20°4737 9m.5
37	69.61	s.9	46 21.84	19 20 22.8	281 50	
131	70.72	9.3	21.82	22.5	78 12	Z.134: h.9m
36	69.59	h.9--s.8-9	46 22.16	16 28 7.0	*278 58	
41	78	h.9	22.15	5.5	278 58	
125	70.67	9.0	—	4.7	81 4	
133	72	8.8	22.19	5.2	81 4	
R.24	69.83	9.1	46 29.31 (½)	19 16 32.8 (½)	281 46	
120	70.62	(9.6)	29.33	33.5	78 16	
134	73	9.0	29.38	32.7	281 46	
120	70.62	(9.3)	46 40.63	19 20 21.1	78 12	
131	72	9.1	40.64	20.2	78 12	
134	73	8.8	40.71	19.9	281 50	
137	70.74	9.4	46 41.54	20 2 18.5	282 32	
141	75	9.2	41.38	20.0	282 32	
143	75	9.2	41.55	17.7	77 30	
123	70.65	7:	46 42.38	19 39 31.3	77 52	
136	73	7.4	42.36	31.7	282 10	
128	70.68	7.4	46 45.29	17 33 30.0	79 58	
141	75	6.8	45.30	28.9	280 4	
44	69.85	s.9	46 45.85	18 16 26.6	280 46	
121	70.64	9.2	45.98	23.6 (½)	79 16	
137	70.74	9.4	46 47.96*	20 1 4.7	282 32	Z.141: 9m.2
143	75	9.4	48.04	2.6	77 30	
43	69.80	9-10	47 3.53	17 21 47.5	279 52	
128	70.68	9.2	3.54	45.7	80 10	
43	69.80	9-10	47 6.88	17 22 35.4	279 52	
128	70.68	9.2	6.97	36.7	80 10	
R.23	69.82	9.2	47 9.11 (0.2)	20 4 20.6 (½)	282 34	2 F.
141	70.75	9.2	9.11	19.1	282 34	
143	75	9.1	9.13	18.5	77 28	
137	70.74	9.5	47 16.92	20 1 55.3	282 32	
143	75	9.6	16.87	53.8	77 30	
40	69.78	h.9	47 20.37	14 57 38.6	277 28	
127	70.68	8.6	20.49	40.2	82 34	
44	69.85	9	47 22.45	18 48 57.4	281 18	
121	70.64	9.2	22.53	59.1	78 44	
40	69.78	h.8	47 24.63	15 52 13.9	278 22	
126	70.68	7.2	24.52 (½)	13.8	81 40	1 F.
133	72	7.2	24.55	13.9	81 40	
139	74	s.7	24.58	12.8	278 24	
37	69.61	s.9	47 26.94	19 24 16.0	281 54	
143	70.75	9.1	26.83	12.1	78 8	
41	69.78	s.9	47 34.79 (½)	16 1 35.9 (½)	278 32	
126	70.68	9.2	—	35.4	81 30	
144	76	9.0	34.73	35.6	81 30	Z.154: 9m.2
154	70.87	9.5	47 36.79	15 58 57.0	278 30	Z.144: 9m.1
126	70.68	9.0	47 —	15 47 55.7	81 44	
133	72	9.0	38.73	55.8	81 44	
139	74	8.8	38.74	56.2	278 18	
R.22	69.82	8.2	47 57.37 (½)	19 7 12.3 (½)	281 38	
120	70.62	(8.6)	57.35	12.9	78 24	
134	73	8.2	57.24	12.4	281 38	
44	69.85	8.9	48 9.38	19 0 13.8	281 30	
121	70.64	8.9	9.32	13.7	78 32	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
R.24	69.83	8.7	48m11s.87 (0.4)	19°57′44″.8 (½)	*282°28′	
130	70.70	(s.9)	12.10 (½)	44.2	77 34	3 F.
131	72	9.1	11.94	48.0 (½)	77 34	
136	73	8.5	11.95	45.6 (½)	282 28	
R.23	69.82	8.9	48 21.74 (0.4)	19 57 12.0 (½)	282 28	
131	70.72	9.2	21.86	11.8	77 34	
136	73	8.8	21.80	10.4	282 28	
128	70.68	8.2	48 21.94	17 33 18.7	79 58	
137	74	7.7	21.83	16.8	280 4	
128	70.68	9.3	48 22.92	17 37 52.9	79 54	
137	74	9.2	23.04	50.6	280 8	
37	69.61	s.7	48 29.40	19 16 49.8	*281 46	
144	70.76	7.1	29.43	49.6	78 16	
126	70.68	9.1	48 30.32	15 53 18.7	81 38	
139	74	9.1	30.41	20.2	278 24	
127	70.68	9.0	48 34.86	15 37 12.5	81 54	
141	75	8.5	34.87	11.9	278 8	
127	70.68	9.2	48 48.59	17 30 11.6	80 2	
139	74	9.0	48.51	11.3	280 0	
142	75	{ 9.4	46.37	12.4	280 2	} Dpl.
		{ 9.2	48.50	10.5	280 2	
133	70.72	8.6	49 5.07	17 23 17.2	80 8	
139	74	8.9	5.10	16.9	279 54	
137	70.74	8.2	49 7.41	17 13 10.0	279 44	
145	76	8.5	7.32	9.7	80 18	
125	70.67	8.0	49 —	16 47 5.3	80 44	
133	72	7.2	15.38	5.6	80 44	
136	73	7.8	15.40	5.6	279 18	
127	70.68	9.0	49 15.49	17 30 20.3	80 2	
139	74	8.9	15.51	21.5	280 0	
142	75	9.0(:)	15.48	20.3	280 2	
44	69.85	s.8-9	49 21.06	18 47 1.4	281 16	
121	70.64	9.0	21.12	1.0	78 44	
127	70.68	8.1	49 24.93	17 17 10.6	80 14	
137	74	7.7	24.95	10.1	279 48	
37	69.61	9	49 44.78	19 16 26.8	281 46	
144	70.76	9.1(:)	44.84	26.9	78 16	
44	69.85	9-10	49 48.82: (½)	18 51 59.3 (½)	281 22	
143	70.75	9.3	48.61	58.4	78 40	
R.22	69.82	9.1	49 48.93 (½)	19 12 42.9 (½)	281 44	
134	70.73	9.0	49.05	42.9	281 44	
144	76	9.2(:)	49.12	42.3	78 20	
R.21	69.82	k. sichtb.	49 53.54 (0.6)	19 55 26.3 (½)	*282 26	
123	70.65	7.3	53.63 (½)	27.3 (½)	77 37	
136	73	7.3	53.61	29.3	282 26	
125	70.67	8.4	49 —	16 47 42.8	80 44	
133	72	8.5	58.08	43.1	80 44	
136	73	8.0	58.03	42.3	279 18	
44	69.85	s.9	50 7.81	18 58 0.7	281 28	
121	70.64	9.2	7.88	1.8	78 34	
131	70.72	8.6	50 10.81	14 54 54.1	82 38	
141	75	8.5	10.81	53.5	277 26	
127	70.68	8.4	50 13.75	17 23 16.9 (½)	80 8	
137	74	8.0	13.78	17.0	279 54	
37	69.61	8	50 27.56	19 21 45.3	281 52	
120	70.62	(9.1)	27.55	44.8	78 10	
128	70.68	9.2	50 33.04	16 32 58.4	80 58	
141	75	9.1	33.10	59.3	279 4	
40	69.78	h.9-10	50 42.35	15 15 4.8	277 46	
126	70.68	9.1	42.36	4.1	82 16	

Zone	Ep.	Grösse	RA 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
125	70.67	8.7	50m —	16° 46′ 18.1	80° 46′	
133	72	8.7	45.74	20.1	80 46	
136	73	8.2	45.73	18.3	279 16	
41	69.78	h. 7-8	51 13.91	16 37 4.0	279 6	
125	70.67	7.2	—	4.4	80 56	
133	72	7.2	13.95	5.1	80 54	
40	69.78	7-8	51 21.74	15 46 17.4	278 16	
126	70.68	7.3	21.78	18.8 (½)	81 44	
R.22	69.82	8.9	51 27.41 (0.4)	19 10 0.1 (½)	281 40	
120	70.62	(9.1)	27.44	2.5	78 22	
134	73	8.6	27.38	1.8	281 40	
44	69.85	s. 8	51 28.83	17 59 15.2	280 28	
123	70.65	9.1	29.06	16.4 (½)	79 32	
43	69.80	s. 9-10	51 30.58	17 52 2.0	280 22	
127	70.68	9.1	30.68	2.9 (½)	79 40	
128	70.68	8.8	51 33.82	17 42 30.1	79 50	
137	74	8.0	33.81	30.2 (½)	280 14	
43	69.80	h. 9	51 42.64	17 48 57.3	280 20	
127	70.68	8.6	42.69	57.9	79 44	
37	69.61	s. 8	51 44.07	19 40 45.7	282 10	
121	70.64	8.6	44.02	45.0	77 52	
44	69.85	9	51 59.33	17 36 3.1	280 6	
128	70.68	9.0	59.45	0.6	79 56	
R.23	69.82	8.6	52 8.29 (½)	19 44 34.3 (½)	*282 14	
134	70.73	8.7	8.32	35.0	282 16	
143	75	8.3	8.34	33.8	77 48	
41	69.78	s. 7-8	52 18.99 (½)	16 36 9.3 (½)	279 6	2 F.
125	70.67	7.6	—	9.6	80 56	
133	72	7.5	18.98	9.5	80 56	
131	70.72	8.7	52 22.44	16 5 11.6	81 26	
141	75	8.5	22.40	12.1	278 36	
131	70.72	8.0	52 35.67	16 47 28.0	80 44	
136	73	7.5	35.64	28.2	279 18	
40	69.78	h. 10	52 40.84	15 37 48.4	278 8	
126	70.68	9.2	40.81 (½)	47.2	81 54	1 F. — Bel. e.
133	72	9.3	40.87	46.8	81 54	[z. hell
128	70.68	9.0	52 41.05	17 43 18.4	79 48	
134	73	9.0	41.05 (½)	16.9 (½)	280 14	
141	70.75	8.5	52 41.44	16 18 51.2	278 50	
143	75	8.7	41.43	52.4	81 14	
127	70.68	{ 9.3	52 41.92	15 57 11.3	81 34	} Dpl.
		{ 7.9	42.95	15.1	81 34	
142	75	{ 9.0	42.00	11.4	278 28	} »
		{ 8.4	43.03	14.4	278 28	
37	69.61	s. 9	52 47.84	19 54 48.2	282 24	10m dicht v. ??
143	70.75	8.8	47.88	46.5	77 38	
127	70.68	8.5	52 57.19	15 56 28.2	81 36	
142	75	8.4	57.18	28.1	278 28	
125	70.67	8.6	52 —	16 25 9.2	81 6	
133	72	8.5	58.05	9.2	81 6	
141	75	8.6	58.09	8.8	278 56	
145	76	8.5	58.04	8.2	81 6	
137	70.74	9.2	52 59.16	17 53 42.0	280 24	
143	75	9.2	59.12	42.6	79 38	
137	70.74	8.9	53 0.07 (½)	17 5 9.5 (½)	279 36	
144	76	8.6	0.14	9.9	80 20	
145	70.76	7.9	53 6.52	17 23 3.3	80 8	
155	88	8.0	6.62 (½)	1.2 (½)	279 54	
43	69.80	9-10	53 7.57:	17 12 13.7: (½)	279 42	Z.136: s.9m
144	70.76	9.3 u. 9.5	7.49	15.6	80 20	k.sichtb., s.uns.
145	76	—	7.77:	14.9: (½)	80 20	(8″135°)±, md.

Zone	Ep.	Grösse	RA 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
R.22	69.82	9.2	53m 13.61 (0.3)	19° 34′ 4.4 (½)	282° 4′	3 F.
134	70.73	9.3	13.74	3.4 (½)	282 4	
136	73	9.1	13.79	3.3	282 4	
144	76	9.3	13.73	3.2	77 58	
128	70.68	9.0	53 15.15	17 38 12.9	79 54	
137	74	9.1	15.21	13.4 (½)	280 8	
126	70.68	8.4	53 25.01	15 5 19.8	82 26	14° 4499 9.2
142	75	8.4	25.18	19.3	277 36	
128	70.68	9.1	53 56.12	17 42 11.9	79 50	
137	74	9.2	56.09	11.9	280 12	
37	69.61	h. 9-10	53 59.24	19 45 24.1	282 14	
143	70.75	9.0	59.31	22.7	77 46	
125	70.67	7.0	54 —	16 20 21.5	81 12	
133	72	7.0	1.86	21.0	81 12	
141	75	7.0	1.84	20.5	278 52	
125	70.67	9.1	54 —	16 21 17.1	81 10	
133	72	—	4.87	17.3	81 10	
141	75	9.2	4.74	17.5	278 52	
125	70.67	9.4	54 —	16 17 34.8	81 14	
133	72	9.4	6.73: (½)	35.7: (½)	81 18	
141	75	9.2	—	36.4	278 48	
142	75	9.5	6.53	36.6	278 48	
R.22	69.82	9.0	54 7.13 (0.4)	19 34 59.0 (½)	282 6	
134	70.73	9.2 u. 9.3	7.06	35 0.3	282 6	D. 6″250°. md.
136	73	{ 9.3	6.83	34 58.7	282 6	} » 5 240
		{ 8.5	7.08	35 0.4	282 6	
143	75	9.0 u. 9.2	7.04	34 58.5	77 56	» 4 240. md.
43	69.80	h. 9-10	54 12.76	17 14 3.5	279 44	
144	70.76	9.3	12.58	2.5	80 18	
44	69.85	7:	54 13.58	18 7 59.7	280 38	
145	70.76	7.1	13.61	59.8	79 24	
127	70.68	9.2	54 14.65	14 58 15.8	82 34	Bel. zu hell
142	75	9.2	14.66	18.1 (½)	277 30	Bel. reichl. hell
44	69.85	s. 9	54 18.37	18 51 48.4	281 22	
147	70.79	k. sichtb.	[18.54::]	[41.5::]	78 40	3 F. — Hgl.
149	80	9.1	18.45 (½)	48.8 (½)	78 40	[−:085 ang.
37	69.61	7	54 28.56	19 28 26.6	*281 58	
147	70.79	[wie s.9]	28.73	26.3	78 4	
149	80	7.5	28.72	27.1 (½)	78 4	
44	69.85	9	54 36.92	18 7 27.0	280 36	
145	70.76	8.8	37.07	26.6	79 24	
44	69.85	6.7*	54 44.93	18 50 39.4	281 20	st. röthl.
145	70.76	6.0*	44.90	41.2	78 42	röthlich
141	70.75	9.0	54 51.90 (½)	16 35 13.5	279 6	3 F.
144	76	9.1	51.82	14.6	80 56	
126	70.68	7.4	54 —	15 34 33.1	81 58	
131	72	8.0	52.68	34.2	81 58	
154	87	8.0	52.76	32.9	278 6	
133	70.72	8.5 gr.afl.	54 53.91	16 57 38.6	80 34	
155	88	8.0	53.87 (½)	37.2 (½)	279 28	
125	70.67	8.6	55 7.51	16 44 11.1	80 48	
137	74	9.0	7.46	11.5	279 14	
134	70.73	9.3	55 16.64	18 40 14.1 (½)	281 10	
144	76	9.2	16.70	15.0	78 52	
127	70.68	8.0	55 25.49	15 3 1.7	82 28	
154	87	8.2	25.53	2.6	277 34	
126	70.68	8.6	55 —	15 23 37.3	82 8	
131	72	8.8	26.48	39.0	82 8	
155	88	8.8	26.66 (½)	38.5 (½)	277 54	
134	70.73	9.0	55 27.63	20 7 14.5	282 38	
143	75	9.0	27.73	14.2	77 24	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
126	70.68	9.2	55m —	15°58′ 1″7	81°34′	
131	72	9.2	30s96	0.8 (½)	81 34	
142	75	9.3	30.96	1.2	278 28	
128	70.68	9.1	55 41.89 (½)	17 21 39.7	80 10	
136	73	9.1	41.82	38.5	279 52	
44	69.85	s. 8	56 9.47	18 30 31.3	281 0	
144	70.76	8.2	9.38	31.7	79 2	
127	70.68	8.7	56 10.32	17 23 51.3	80 8	
136	73	9.0	10.32	51.7	279 54	
127	70.68	9.1	56 17.63	15 0 6.6	82 32	
142	75	9.1	17.64	7.2	277 30	
125	70.67	9.2	56 —	16 46 20.5	80 46	
133	72	9.3	18.51	20.5 (½)	80 46	16°4433 9m3
137	74	9.2	18.56	20.3	279 16	» 9.2
154	70.87	9.3	56 19.53	15 26 39.6	277 58	
143	70.75	9.2	56 20.57 (½)	19 14 —	78 —	3 F.
155	88	9.3	20.85	3.4	281 44	
126	70.68	8.9	56 —	15 16 18.3	82 16	
131	72	8.9	24.08	18.3 (½)	82 16	
142	75	9.1	23.99	18.3	277 46	
137	70.74	9.1	56 25.13	16 39 33.0	279 10	
144	76	9.2	25.06	34.0	80 52	
141	70.75	8.1	56 25.39	16 20 2.7	278 50	
145	76	8.3	25.39	3.0	81 12	
37	69.61	9	56 30.21	19 24 7.2	281 54	
143	75	8.6	30.23	8.2	78 8	
R.22	69.82	9.0	56 31.36(0.4	19 15 18.2 (½)	281 46	
136	70.73	9.1	31.24	21.7	281 46	
143	75	8.4	31.35	21.4	78 16	Z.155: h.9m
128	70.68	8.0	56 41.22	17 27 46.1	80 4	
136	73	8.1	41.23	45.5	279 58	
128	70.68	9.0	56 53.65	17 33 32.8	79 58	
134	73	9.0	53.61	31.5	280 4	
147	79	[wie s.9]	53.64	32.7 (½)	79 58	sicher
127	70.68	6.9	56 56.29	15 28 31.1	82 4	
155	88	7.0*	56.42	31.7 (½)	278 0	* schw. orange
44	69.85	s. 9	56 57.15	18 54 25.4	281 24	
145	70.76	9.1	57.25	26.4	78 38	
128	70.68	9.2	56 59.30	17 59 53.0	79 32	
136	73	9.2	59.27	52.9	280 30	
37	69.61	9	57 0.69	19 56 19.0	282 26	
145	70.76	9.1	0.73 (½)	19.5 (½)	77 36	
126	70.68	8.9	57 —	15 44 1.9	81 48	
131	72	8.7	4.54	1.9	81 48	
154	87	7.9	4.74	1.6	278 14	
126	70.68	7.2	57 —	15 16 6.1	82 16	
131	72	7.5	9.46	7.0	82 16	
154	87	7.8	9.49	8.2	277 46	
125	70.67	9.1	57 —	16 4 35.5	81 28	
133	72	9.2	10.09	36.6	81 28	
142	75	9.1	10.16	37.0	278 36	
125	70.67	9.3	57 19.90	16 8 40.6	81 24	16°4439 9m4
142	75	9.2	19.94	41.4	278 40	
134	70.73	8.8	57 24.31	17 14 58.7	279 46	17°4495 9m2
144	76	8.8	24.32	58.0	80 16	Z.127: 8m5
133	70.72	9.2	57 34.08	16 24 48.5 (½)	81 8	
137	74	9.4	33.97	46.5	278 56	
145	76	9.3 zfl.	33.99 (½)	47.4	81 8	3 F.
127	70.68	8.8	57 37.79	17 14 29.3	80 18	
134	73	9.0	37.70	28.4	279 46	
144	76	9.1	37.81	28.6	80 18	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			20h			
127	70.68	8.8	57m37s84	17°16′52″9	80°16′	Z.134: 9m0
154	87	9.0	37.94	51.4	279 48	» 144: 9.0
37	69.61	8-9	57 40.55	19 49 12.7	*282 18	
143	70.75	8.0 sic	40.60	12.0	77 42	
128	70.68	8.9	57 45.06	16 19 7.0	81 12	
137	74	9.1	45.02	7.0	278 50	
126	70.68	8.8	57 —	15 1 21.5	82 30	
131	72	8.5	46.04	21.7	82 30	
142	75	9.0	46.10	22.3 (½)	277 32	
44	69.85	s. 9	58 0.40	18 28 7.0	280 58	
143	70.75	9.1	0.44	8.0	79 4	
44	69.85	8	58 11.32	18 14 30.0	280 44	
144	70.76	8.1	11.24 (½)	27.6 (½)	79 18	
127	70.68	9.0	58 30.16	17 6 37.1	80 26	
137	74	9.0	30.09	35.1	279 38	
R.22	69.82	8.5	58 29.96(0.3	16 59 56.0 (½)	279 30	3 F.
125	70.67	8.2	—	55.3	80 32	
133	72	8.5	30.18	55.9	80 32	
134	73	8.3 zfl.	30.22	54.3	279 30	
125	70.67	9.3	59 —	16 57 3.4	80 34	
127	68	9.1	0.85	3.1	80 34	
134	73	9.3	0.86	5.2	279 28	9m6 2s v. 1′S.
44	69.85	7-8	59 20.50	18 9 31.6	280 38	
128	70.68	7.2	20.48	32.0 (½)	79 22	
125	70.67	8.2	59 48.82	16 23 14.9	81 8	
136	73	7.9	48.76	16.3	278 54	
134	70.73	8.2 zfl.	59 50.94	20 13 46.0	282 44	
143	75	7.6	50.96 (½)	45.9 (½)	77 18	
			21h			
126	70.68	8.9	0 —	15 18 15.3	82 14	
131	72	8.7	5.07	14.6	82 14	
136	73	9.0	5.03	14.2	277 48	
37	69.61	7-8	0 8.92 (½)	19 32 41.4	282 2	3 F.
128	70.68	7.9	8.85	41.3	78 0	
37	69.61	h. 9	0 24.26	19 55 7.3	282 24	
131	70.72	8.6	24.19	7.7	77 36	
R.22	69.82	9.3	0 33.82	15 42 25.8	278 12	Com. 9m4 30s
125	70.67	9.3	34.00	25.0	81 50	
136	73	9.0	33.89	24.6	278 12	
127	70.68	8.6	0 35.95	15 29 31.1	82 2	
142	75	8.6	36.08	32.8	278 0	
44	69.85	9	0 37.30	18 15 34.6	280 44	
127	70.68	9.2	37.23	35.3	79 16	
128	70.68	8.1	0 44.86	18 38 15.7	78 54	
134	73	8.5	44.83	15.8	281 8	
126	70.68	9.0	1 11.35	15 51 55.3	81 40	
133	72	9.0	11.39	54.6	81 40	
136	73	8.5	11.39	56.3	278 22	
125	70.67	8.7	1 —	16 31 42.9	81 0	
133	72	8.6	17.41	42.6	81 0	
137	74	8.3	17.31 (½)	43.0	279 2	
145	76	8.5	17.38 (½)	42.3 (½)	81 0	
126	70.68	9.0	1 18.98 (½)	15 47 18.7	81 44	
133	72	s.9; 9.0*	18.99	17.0	81 44	* 2 unabh. Sch.
136	73	8.8	19.02	17.5	278 18	
37	69.61	s. 9	1 22.58	19 27 7.8	281 56	
131	70.72	9.2	22.51	9.3 (½)	78 4	Bel. e. z. hell
44	69.85	9	1 29.22	18 21 7.7	280 50	
128	70.68	9.0	29.21	6.9	79 10	
37	69.61	9	1 31.86	19 12 29.9	281 42	
143	70.75	8.8	31.88	30.8	78 20	19°4622 9m1

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
136	70.73	9.3	1m 40s.26	15° 48′ 32″.9	278° 20′	Z.126: 9m.1
127	70.68	7.0	1 40.94	15 9 31.8	82 22	133: 8.9m
138	74	6.8	40.97	31.7	277 40	
126	70.68	8.7	1 44.71	15 52 49.8	81 40	15°4344 9m.2
133	72	9.0	44.72	49.7	81 38	
136	73	8.4	44.71	49.7	278 24	
131	70.72	9.2	2 7.43	19 1 23.8	78 30	Bel. e. z. hell
134	73	9.3	7.40	22.9 (½)	281 32	
44	69.85	s. 8-9	2 9.92	18 20 55.0	280 50	
128	70.68	8.4	9.83	54.9	79 10	
125	70.67	9.2	2 —	16 36 5.9 (½)	80 56	
133	72	8.7	15.93	5.3	80 56	
137	74	9.0	15.88	6.1	279 6	
R.22	69.82	9.3	2 29.12 (0.1)	17 24 57.0 (½)	279 54	1 F.
R.23	82	9.0	29.14 (½)	55.8 (½)	*279 54	
131	70.72	9.1	29.05	56.4 (½)	80 6	
137	74	9.2	29.08	55.5	279 56	
125	70.67	9.1	2 —	16 37 18.0 (½)	80 54	
133	72	8.6	45.41	19.0	80 54	
137	74	8.6	45.45	18.2	279 8	
127	70.68	8.7	2 49.45	15 12 33.0	82 20	
139	74	8.7	49.54	32.5	277 44	
126	70.68	9.1	2 50.57 (½)	15 18 32.3	82 14	3 F.
138	74	9.2	50.68	32.8	277 50	
143	75	9.1	50.60	32.7	82 14	
126	70.68	8.9	2 56.91	15 17 16.7	82 14	
138	74	8.8	56.88	17.1	277 48	Z.143: 8m.8
127	70.68	9.1	2 59.09	15 9 25.3	82 22	
138	74	9.1	59.12	23.9	277 40	
136	70.73	9.1	3 0.80	15 41 30.9	278 12	
143	75	9.0	0.76 (½)	31.4	81 50	3 F.
128	70.68	8.7	3 2.98	17 57 46.9	79 54	
134	73	9.1	2.96	46.0	280 28	
128	70.68	8.8	3 7.87	17 17 33.5	80 14	
137	74	9.0	7.84	32.5	279 48	
125	70.67	8.8	3 23.13	16 20 46.0	81 12	
139	74	8.4	23.15	45.6	278 52	
131	70.72	9.2	3 38.03 (½)	16 50 21.5 (½)	80 42	9m.7 1s v. 6″ N.
139	74	9.1:	38.12 (½)	22.2 (½)	279 20	Com. unsichtb.
44	69.85	9	3 43.77	18 32 31.5	281 2	
143	70.75	9.0	43.76	31.3	79 0	
127	70.68	8.8	3 54.58	15 41 14.7	81 50	
136	73	8.6	54.49	12.9	278 12	
44	69.85	6:	4 0.98	18 42 11.4	281 12	
144	70.76	7.3	1.09	10.8 (½)	78 50	
127	70.68	8.0	4 1.50	15 39 12.5	81 52	
136	73	7.7	1.52	12.4	278 10	
37	69.61	9-10	4 [4.88::]	19 42 [3.4::]	*282 12	fast unsichtbar
R.22	82	9.2	4.65 (0.3)	6.5 (½)	282 12	3 F., schl. st.
134	70.73	9.1	4.96	6.2	282 12	
143	75	9.3	4.80	7.5	77 50	
126	70.68	9.3	4 33.30	15 12 29.1	82 20	
138	74	9.3	33.30	27.4	277 44	
134	70.73	8.0 s.unr.	4 33.61	20 13 59.5	282 44	
142	75	8.5	33.66 (½)	14 0.3 (½)	282 45	
143	75	8.1	33.64	0.7	77 18	
44	69.85	8.9	4 33.71 (½)	18 51 39.8	281 22	3 F.
131	70.72	9.1	33.76	40.3	78 40	Z.128: 9m.0
125	70.67	9.2	4 42.87	16 19 35.5	81 12	
139	74	8.2	42.94	37.2	278 50	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
125	70.67	8.4	4m —	16° 28′ 15″.1	81° 4′	
133	72	8.0	43s.45	15.1	81 4	
137	74	8.0	43.35	14.7 (½)	278 58	
44	69.85	8.9	4 44.88	18 49 27.0	281 18	
128	70.68	8.7	44.84	26.1	78 42	Z.131: 9m...
37	69.61	h. 7-8	4 47.10	19 27 8.3	281 56	gz. zfl.
131	70.72	{ 8.0	47.15	6.3	78 4	} Dpl. 4″ 3...
		{ 8.5	47.26	9.3	78 4	
125	70.67	9.2	4 —	16 45 23.9	80 46	
133	72	9.1	48.23	25.5 (½)	80 46	
137	74	9.1	48.14 (½)	25.9 (½)	279 17	
144	76	9.0	48.27	25.0	80 46	
126	70.68	9.1 zfl.	4 48.44	15 49 24.1	81 42	
130	73	9.1	48.38	25.4	278 20	
126	70.68	9.1	5 0.23	15 44 39.3	81 44	
130	73	9.2	0.20	39.9	278 16	
138	70.74	8.5	5 3.55	14 56 49.7	277 28	
143	75	8.6	3.49	50.5	82 34	
151	81	8.5	3.61	50.2	82 34	
138	70.74	9.3	5 7.51	14 56 47.6	277 28	
151	81	9.2	7.52	47.1	82 34	
127	70.68	8.2	5 17.44	15 22 12.1	82 10	
138	74	8.5	17.47	12.5	277 52	
125	70.67	9.2	5 —	16 5 36.5	81 26	
133	72	9.1	26.04	37.0	81 26	
139	74	9.0	26.04	36.3	278 36	
126	70.68	9.0	5 49.67	15 45 49.6	81 46	
136	73	9.1	49.48	49.2	278 16	
44	69.85	8-9	5 59.69	18 51 44.5	281 22	
128	70.68	7.7	59.67	44.3	78 40	
127	70.68	9.1	6 6.43	15 23 35.2	82 8	
136	73	9.3	6.43 (½)	34.7	277 54	
143	75	9.2	6.43	35.7	82 8	
131	70.72	8.0	6 8.78	17 23 3.7 (½)	80 8	
134	73	8.3 zfl.	8.77	3.4	279 54	
142	75	8.2	8.82 (½)	3.5 (½)	279 54	
128	70.68	7.0	6 11.60	17 14 55.3	80 16	
137	74	7.3	11.66	55.5	279 46	
133	70.72	9.3	6 27.65	18 32 43.9	79 0	
134	73	9.2	27.60	44.2	281 4	
137	70.74	8.6	6 50.78	17 37 9.8 (½)	280 8	
144	76	9.0	50.72 (½)	9.1	79 54	Bel. theilw. s. [hell]
138	70.74	7.8	7 0.33	15 4 29.8	277 34	
145	76	7.8	0.30	30.2	82 28	
127	70.68	8.8	7 1.03	15 34 5.4	81 58	
138	74	9.0	1.10	4.5	278 4	
137	70.74	9.5	7 10.26	17 30 41.7	280 2	
144	76	9.3	10.38	41.6	80 2	
139	70.74	9.0	7 15.17	17 48 43.5	280 20	
145	76	9.0	15.17	42.0	79 44	
R.22	69.82	8.0	7 20.22 (0.4)	19 10 26.1 (½)	281 40	
141	70.75	8.0	20.24	25.8	281 40	
147	79	h. 8	20.25	26.8	78 22	
139	70.74	7.2	7 26.33	16 24 18.9	278 56	
145	76	7.1	26.30	17.7	81 8	
136	70.73	6.8	7 35.92	15 28 6.8	277 58	
143	75	6.5	35.97	9.5	82 4	
141	70.75	8.2	7 38.72	19 43 39.6	282 14	
147	79	8.7	38.79	40.0	77 48	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21^h			
137	70.74	8.2	$7^m46^s.79$	17° 28′ 46″.9	280° 0′	
144	76	8.7	46.87	47.8	80 4	
141	70.75	8.8	7 47.46	19 35 10.2	282 6	
147	79	9.0	47.39	10.6	77 56	
138	70.74	8.3	7 48.22	16 48 4.7	279 18	
145	76	8.5	48.20	3.8	80 44	
141	70.75	8.8	7 56.55	19 16 22.4	281 46	
147	79	8.8	56.52	22.9	78 16	
138	70.74	8.1	8 1.69	16 43 19.9	279 14	
145	76	8.2	1.64	19.6	80 48	
142	70.75	8.8	8 17.98	16 56 38.6	279 28	
149	80	8.8	17.98	39.4	80 56	
139	70.74	9.5	8 19.15:(½)	18 22 1.7:(½)	280 52	Fäd. st. schl.
149	80	9.4	19.34 (½)	0.2	79 10	3 F.
139	70.74	9.1	8 22.37	18 23 8.0	280 54	
149	80	9.1	22.44	7.3	79 8	
142	70.75	9.0	8 31.28	18 50 18.6	281 20	
150	80	9.1	31.26	19.2	78 42	
137	70.74	7.3	8 34.36	17 8 17.8	279 40	
144	76	7.5	34.48	18.7	80 24	zitt., s. unr.
141	70.75	9.1	8 36.18	19 25 23.1	281 56	
147	79	9.1	36.12	23.7	78 6	
150	70.80	9.2	8 45.24	18 34 3.1	78 58	
154	87	9.0	45.21	4.0	281 4	
155	88	9.2	45.24	2.6	281 6	
142	70.75	9.1	8 49.88	20 4 17.0	282 34	
150	80	9.0	49.95	15.4	77 28	
136	70.73	7.2	8 54.28	15 57 45.9	278 29	
143	75	7.3	54.32	45.7	81 34	
137	70.74	8.3	8 55.85	17 18 10.1 (½)	279 49	
144	76	8.2	55.86	10.3	80 14	zitt., s. unr.
138	70.74	9.0	9 3.27	16 18 15.8	278 48	
145	76	9.2	3.24	17.1	81 14	
139	70.74	7.2	9 24.76	18 6 7.4	280 36	
150	80	8.3	24.68	7.2	79 26	
R.22	69.82	8.8	9 26.35(0.4)	19 20 11.7 (½)	281 50	
141	70.75	8.6	26.40	10.3	281 50	
147	79	8.9	26.42	12.2 (½)	78 12	
137	70.74	8.0	9 35.66	17 38 29.4	280 8	
144	76	8.7	35.68	29.7	79 54	
44	69.85	8.9	9 44.12	18 45 48.6	281 16	
150	70.80	9.1	44.12	47.7	78 46	
138	70.74	9.1	9 44.51	16 20 38.0	278 50	
145	76	9.2	44.45	37.9	81 12	
139	70.74	9.0	9 50.49	18 34 2.9	281 4	
150	80	9.0	50.33	2.6	78 58	
138	70.74	6.8	9 51.57	16 12 42.3	278 44	
145	76	7.0	51.42	42.1	81 20	
136	70.73	9.1	10 4.55	15 29 2.6	278 0	
143	75	8.8	4.54	1.9	82 2	
138	70.74	7	10 —	19 11 42.1	281 42	
139	74	7.0	7.04	42.2	281 42	
145	76	7.2	7.02	42.4	78 20	
137	70.74	8.9	10 7.17	17 24 16.6	279 54	
144	76	9.3	7.14	16.2 (½)	80 8	
136	70.73	8.8	10 14.98	15 34 59.2	278 6	
143	75	8.5	14.96	35 0.0	81 56	
44	69.85	9	10 59.75	18 50 29.8	281 20	
147	70.79	9.2	59.79	28.2	78 42	
			21^h			
44	69.85	s.8	$11^m17^s.49$ (½)	18° 26′ 29″.9	280° 56′	3 F.
148	70.79	8.6	17.59	28.7	79 6	
136	70.73	9.0	11 20.57	20 2 14.7	282 32	
143	75	8.8	20.62	14.8	77 30	
R.22	69.82	8.7	11 22.83 (½)	19 45 11.1 (½)	282 16	
139	70.74	8.8	22.97	11.5	282 16	19°4669 $8^m.8$
147	79	8.8	22.95	11.3	77 48	» 8.8
44	69.85	8.9	11 38.70	18 38 19.3	281 8	
148	70.79	8.8	38.73	18.8	78 54	
141	70.75	7.2	11 56.89	19 28 59.0	282 0	
147	79	7.2	56.81 (½)	59.5 (½)	78 3	
136	70.73	7.5	11 59.12 (½)	19 58 59.2 (½)	282 31	
143	75	7.6	59.14 (½)	58.2 (½)	77 33	
138	70.74	8.8	12 1.33	16 36 57.1	279 8	
145	76	8.9	1.24	56.3	80 56	
137	70.74	9.0	12 6.41	17 30 17.8	280 0	
144	76	8.9	6.45	19.1	80 2	
141	70.75	7.4	12 6.86 (½)	17 6 17.2 (½)	279 36	
149	80	7.8 W.	6.97 (½)	18.3 (½)	80 26	
139	70.74	9.1	12 7.15	17 59 44.4	280 30	
148	79	9.2	7.19	43.3	79 32	
136	70.73	8.8	12 16.49	15 38 6.9	278 10	
143	75	9.0	16.42	7.2	81 54	
137	70.74	7.1	12 35.26	17 11 46.7 (½)	279 42	
144	76	7.0	35.31	46.9	80 20	
137	70.74	7.0	12 42.97	17 27 51.8	279 58	
144	76	7.0	43.03	53.3	80 4	
136	70.73	8.7	12 50.01	15 47 48.7	278 18	
143	75	8.3	50.01	50.1	81 44	
138	70.74	9.1	13 1.64	16 39 53.2	279 10	
145	76	9.2	1.60	51.3	80 52	
44	69.85	h.9	13 2.68	18 29 58.6	281 0	
148	70.79	8.8	2.89	30 0.4	79 2	
138	70.74	7.5	13 21.75	17 17 54.9	279 48	
145	76	7.0	21.75	56.9	80 14	
R.22	69.82	8.5	13 28.86(0.3)	19 9 0.6 (½)	281 40	3 F.
139	70.74	8.5	28.91	1.6 (½)	281 40	
147	79	8.9	28.93 (½)	1.2 (½)	78 22	
154	70.87	9.4	13 29.30	15 4 20.4	277 34	
136	70.73	9.1	13 41.47	16 47 46.8	279 18	
143	75	9.0	41.54	47.8	80 44	
137	70.74	8.7	13 53.67	17 11 37.9 (½)	279 42	
144	76	8.5	53.71	38.5	80 20	
137	70.74	9.1	13 56.74	17 48 31.9	280 20	$9^m.2$ 1′s. v.
144	76	9.1	56.66	31.7	79 44	
141	70.75	9.2	14 5.18 (½)	19 47 37.3 (½)	282 19	
147	79	9.1	5.17	36.5	77 44	
139	70.74	8.7	14 21.03	19 9 29.7	281 40	
147	79	9.1	21.02	30.5 (½)	78 22	
141	70.75	7.4	14 28.26	16 16 49.3	278 48	
142	75	7.2	28.26	49.2	278 48	
145	76	7.5	28.18	49.1	81 14	
44	69.85	8	14 35.52	18 41 33.2	281 10	
148	70.79	8.3	35.46	34.0	78 50	
136	70.73	9.2	14 42.46	15 5 50.5	277 36	
143	75	9.1	42.37	51.0	82 26	
136	70.73	9.4	14 43.23	15 6 13.9	277 36	
143	75	9.4	43.40 (½)	15.2	82 26	2 F.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
137	70.74	9.0	14m48s.63 (½)	17°42′45″.2 (½)	280°14′	
144	76	9.2	48.63	45.0	79 50	17°4554(?)9m.5
R.23	69.82	8.5	14 51.88 (0.4)	19 18 51.2 (½)	281 48	
46	92	8	51.89	50.0	281 48	
147	70.79	8.0	51.85	51.7	78 14	
44	69.85	h.8-9	14 58.45	18 18 42.9	280 48	
148	70.79	8.1	58.30	41.1	79 14	
136	70.73	7.9	15 14.52	15 18 0.8	277 48	
143	75	8.0	14.59	1.9	82 14	
138	70.74	9.3	15 17.98	16 13 2.6	278 44	
145	76	9.3	17.93	1.4	81 18	
149	80	9.1	18.11	1.4	81 18	
138	70.74	8.3	15 34.60	16 26 5.7	278 56	
145	76	8.5	34.64	5.1	81 6	
138	70.74	9.4	15 37.04	16 37 8.3	279 8	Z.139: 9m.3
145	76	9.5	37.37 (½)	5.5 (½)	80 54	uns., Bel. e. zu
149	80	9.2	37.10	8.5	80 54	[hell
151	81	9.3	37.02	7.2	80 54	
154	87	9.3	37.06	8.9	279 8	
139	70.74	7	15 40.65	16 38 49.6	279 10	16°4510 9m.4
151	81	8.0	40.51	49.1	80 52	» 9.2
44	69.85	9	15 45.65	18 52 0.5	281 22	
148	70.79	9.3	45.72 (½)	2.3	78 40	
138	70.74	9.2	15 57.65	16 26 10.4	278 56	
145	76	9.0	57.67	9.7	81 6	
139	70.74	6.5:	16 7.98	16 40 48.4	279 12	16°4510 9m.4
149	80	7.3	7.98	47.7	80 50	
141	70.75	8.7	16 9.31	17 34 35.4	280 6	17°4565 s.9m
149	80	8.5	9.32	36.3	79 56	» h.9
R.22	69.82	9.2	16 16.40 (0.4)	19 16 37.6 (½)	281 48	
46	92	9	16.44	37.3	281 46	
142	70.75	9.2	16.47	39.7	281 48	
147	79	9.2	16.45	37.7	78 16	
*						
138	70.74	9.0	16 21.20	16 23 12.7	278 54	
145	76	8.8	21.19	12.4	81 8	
137	70.74	8.5	16 23.67	17 40 51.3	280 12	
144	76	8.4	23.70	50.5	79 52	
R.23	69.82	8.7	16 30.53 (½)	19 29 2.4 (½)	*281 58	
141	70.75	8.7	30.51	2.6	282 0	
149	80	8.4	30.53	1.9	78 2	
138	70.74	(8.8)	16 44.88	16 1 24.4	278 32	
145	76	8.7	44.86	25.8	81 30	
44	69.85	9	16 59.02	18 34 25.9	281 4	
148	70.79	9.2	59.01	27.6	78 58	
44	69.85	8-9	17 3.18	18 32 51.0	281 2	
148	70.79	8.4	3.12	51.4	79 0	
44	69.85	9	17 3.90	18 5 16.2 (½)	280 34	
150	70.80	k. s., W.	3.86:	12.8	79 26	
151	81	9.2	3.91 (½)	15.1 (½)	79 26	
141	70.75	8.3	17 4.06	15 28 17.0	278 0	
150	80	(8.5)	4.08	17.0	82 4	
137	70.74	7.8	17 4.36	17 31 44.5	280 2	
144	76	7.8	4.44	43.3	80 0	
139	70.74	7.5	17 14.76	15 57 46.5	278 28	
150	80	7.5*	14.75	46.1	81 34	* gr. u. zfl.
136	70.73	9.1	17 20.99	15 46 3.3	278 18	
142	75	9.0	20.99	3.5	278 16	
143	75	9.1	21.07	2.4	81 46	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
138	70.74	9.1	17m31s.09	15°10′31″.5	277°42′	
145	76	9.1	31.12	31.2	82 22	
137	70.74	9.1	17 42.29	16 44 47.4	279 16	
149	80	9.1	42.41	48.4	80 46	
139	70.74	9.4	17 53.15	20 15 38.8	282 46	
141	75	9.3	53.22	39.7	282 46	
148	79	9.3	53.18	39.4	77 16	
R.22	69.82	8.7	17 57.25 (0.4)	19 43 37.9 (½)	282 14	
139	70.74	9.2	57.20 (½)	37.6	282 14	3 F.
147	79	9.2	57.38	36.3	77 48	
136	70.73	9.0	18 10.13	15 49 45.7	278 20	
142	75	9.1	10.25	46.1 (½)	278 20	
143	75	8.5	10.20	45.6	81 42	
46	69.92	8.9	18 10.89	17 44 36.1	280 14	
144	70.76	9.2	10.78	37.7	79 48	
137	70.74	9.3	18 20.78	16 46 20.7	279 18	
148	79	9.1	20.85	19.9 (½)	80 46	
44	69.85	8.9	18 38.86	18 53 17.4	281 22	
147	70.79	[wie 9.5 W.]	38.76	17.9	78 38	Fäd. st. schl.
R.22	69.82	8.9	18 45.68 (0.3)	19 42 24.5 (½)	282 12	3 F.
139	70.74	9.2	45.69	26.3	282 12	
147	79	9.2 W.	45.67	24.8	77 50	δ etw. uns.
136	70.73	8.1	18 46.94	15 14 41.1	277 46	
142	75	8.2	47.07	40.9	277 46	
143	75	8.5	47.01	41.4	82 18	
138	70.74	9.1	19 1.81	19 5 4.5	281 36	
145	76	9.2	1.78	5.2	78 28	
136	70.73	9.1	19 18.68	15 27 53.6	277 58	
141	75	9.1	18.71	54.0	277 58	
143	75	9.2	18.69	54.2	82 4	
46	69.92	8	19 20.14	17 55 28.9	280 26	
144	70.76	7.4	20.15	30.3	79 36	
154	87	8.5	20.10 (½)	31.9 (½)	280 26	
144	70.76	9.6	19 24.26	17 55 20.0	79 36	
154	87	9.4	24.42 (½)	20.9 (½)	280 26	
138	70.74	7.6	19 30.73	14 59 35.8 (½)	277 30	
145	76	8.0	30.77	34.1	82 32	
44	69.85	8-9	19 35.49	18 7 14.5	280 36	
148	70.79	8.3	35.44	14.5	79 24	
46	69.92	9 · s.9	19 35.61	17 13 51.9	279 44	
144	70.76	9.1	35.70	53.5	80 18	
136	70.73	7.0 rthl.	19 51.37	15 4 46.6	277 36	
141	75	7.0	51.42	47.2	277 36	
143	75	6.8 rthl.	51.39	46.9	82 28	
136	70.73	9.1	20 12.82	15 5 59.7	277 36	
141	75	9.2	12.86	59.0	277 36	
143	75	9.3	12.77	6 0.7	82 26	
46	69.92	s.7	20 17.06	17 31 31.4	280 2	
144	70.76	7.0	17.13	32.7	80 0	
44	69.85	6	20 38.40	18 50 4.5	281 20	
147	70.79	[W.;7±]	38.16	5.8	78 42	
138	70.74	7.5	20 52.80	20 10 25.0	282 40	
145	76	7.4	52.94	24.3	77 22	
R.22	69.82	6.7	21 12.91	15 35 10.0	278 6	
136	70.73	7.0	12.95	9.3	278 6	
141	75	6.2	13.02	9.9	278 6	
143	75	7.0	12.95	11.2	81 56	
137	70.74	9.2	21 14.64 (½)	15 58 37.2	278 30	
147	79	[wie 9.5]	14.67	36.0	81 34	
148	79	9.2	14.56	37.0	81 34	dpl.??

* Nr. 8713: 1 Pegasi, Fund.-St.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
[illegible]	70.73	9.2	21m 21s.91	15° 38′ 12″.4	278 8	
[illegible]	75	9.2	21.91	12.4	278 8	
[illegible]	75	9.1	21.91	12.7	81 24	
[illegible]	70.74	8.3	21 27.70	15 18 [illegible]	278 18	
[illegible]	80	8.5	27.83 (½)	[illegible]	81 14	
44	69.85	8.9	21 28.30	18 21 [illegible]	280 [illegible]	
[illegible]	70.79	9.0	28.38	[illegible]	[illegible]	
[illegible]	69.77	h.9	21 36.61	19 24 17.1	281 54	
[illegible]	70.79	9.0	36.62	16.9	78 8	
[illegible]	70.24	9.2	21 37.11	15 53 23.1	278 24	
[illegible]	76	8.8	37.19	23.1	81 38	
[illegible]	69.92	h.10	22 3.15: (½)	17 26 33.3	279 36	
[illegible]	70.24	9.2	3.35	35.4	279 38	
[illegible]	76	9.4	3.17	34.0	80 [illegible]	
[illegible]	69.77	s. 8-9	22 5.91	19 33 [illegible]	281 1	
[illegible]	70.79	[wie 9.2]	5.81	[illegible]	77 [illegible]	
[illegible]	70.73	9.3	22 10.07	15 50 12.8	278 [illegible]	
[illegible]	75	9.4	10.03	[illegible]	278 [illegible]	
[illegible]	75	9.3	10.84	13.4	81 [illegible]	
[illegible]	70.74	8.6	22 15.93	[illegible] 53.8	277 [illegible]	
[illegible]	80	8.8	16.01	51.8 (½)	81 [illegible]	[illegible] 4424 9m2
[illegible]	69.77	9	22 19.70	19 20 17.2	281 [illegible]	
[illegible]	70.79	9.3	19.82	17.2	78 12	δ etw. uns
[illegible]	79	8.6	19.77	16.7	78 12	
[illegible]	69.85	h.9	22 23.15	18 12 20.0	280 44	18 4707 9-10m[1]
[illegible]	70.79	8.6	23.07	25.8	[illegible] 18	[illegible]
[illegible]	69.92	s. 9	22 53.50	17 37 13.5	280 [illegible]	
[illegible]	70.76	9.2	53.42	11.2	[illegible] 24	Bel. zu hell
[illegible]	70.74	8.2	23 4.78	16 17 33.3	279 18	
[illegible]	76	8.9	4.70	33.8	80 41	
[illegible]	69.92	6-7	23 8.88	17 21 36.0	279 [illegible]	
[illegible]	70.7[illegible]	6.4	8.90	[illegible]	80 [illegible]	
R.[illegible]	69.82	8.9	23 17.13	18 15 [illegible]	280 40	
44	85	s. 9	17.15	26.6	280 44	
[illegible]	70.70	9.2	17.09	[illegible]	[illegible]	
[illegible]	70.73	9.0	23 35.43	15 42 33.0 (½)	278 14	
[illegible]	75	9.2	35.51	34.7	278 14	
[illegible]	75	9.2	35.47	35.2	81 50	
[illegible]	70.73	8.8	23 48.68	15 30 6.5	278 [illegible]	
[illegible]	75	8.4	48.76	7.5	278 [illegible]	
[illegible]	75	8.5	48.72	7.2	81 52	
[illegible]	70.73	9.2	23 55.39	15 35 [illegible]	278 [illegible]	
[illegible]	75	9.3	55.44	40.0	81 [illegible]	
[illegible]	69.85	h. 7-8	24 16.01	18 1 55.2	[illegible]	
[illegible]	70.74	7.2	16.07	54.7	[illegible]	
[illegible]	76	7.4	16.08	55.1	[illegible]	
[illegible]	69.92	9	24 17.27	17 13 55.5	280 11	
[illegible]	70.76	9.3	17.31	58.2	79 48	
[illegible]	70.73	—	24 28.34	15 35 55.5	278 [illegible]	
[illegible]	75	9.1	28.31	56.3	278 [illegible]	
[illegible]	75	9.3	28.22	57.0	81 50	
[illegible]	69.77	s. 9	24 29.33	19 11 54.1	281 42	
[illegible]	70.79	9.2	29.38	56.3	78 20	
[illegible]	70.73	8.2	24 45.80 (½)	15 47 58.1	278 18	3 F.
[illegible]	75	8.3	45.87 (½)	57.2 (½)	278 18	
[illegible]	75	8.3	45.86	57.0	81 44	
38	69.77	s. 9	24 58.30	19 11 54.5	281 11	
[illegible]	70.79	9.3	58.30	[illegible]	78 18	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
130	70.73	8.1	25m 3s.21	16° 1′ 26″.1	278° 32′	
142	75	8.0	3.29 (½)	24.3 (½)	278 32	
143	75	8.4	3.20	26.6	81 30	
13	69.85	h.9	25 6.21	16 54 21.3	279 24	
144	70.70	9.2	6.14	22.0	80 38	
R.23	69.82	9.2	25 17.17 (½)	19 19 3.7 (½)	*281 48	
137	70.71	9.8	17.50	4.7 (1/4)	281 50	
147	79	9.3	17.56	6.7	78 12	δ etw. uns.
148	79	9.5	17.51 (½)	3.4	78 14	3 F.
30	69.77	[illegible]	25 25.07	19 44 28.1	282 14	
147	70.79	[wie 9.1]	26.00	29.1	77 48	
137	70.74	8.1	25 26.20	15 56 6.7 (½)	278 26	
145	76	8.6	26.20	8.0	81 36	
138	70.74	—	25 50.45	20 9 12.0	282 40	
147	71	9.0	50.44	13.3	77 22	
14	69.85	8.9	25 58.03	18 33 50.0	281 4	
145	70.76	8.2	58.52	49.5	78 58	
36	69.92	h.8	26 5.49	17 51 37.7	280 22	
144	70.76	8.2	5.49	37.4	79 40	
136	70.73	9.1	26 26.70	15 12 57.0	277 44	
142	75	8.8	26.76	57.7	277 44	
143	75	8.8	26.71	56.0	82 18	Bem. [2]
142	70.75	9.4	26 29.03	15 12 33.8	277 44	
137	70.71	8.5	26 32.26	16 16 47.3 (½)	278 48	
143	76	8.8	32.32	47.0	81 16	
35	69.92	9.10	26 35.37	17 6 12.4	279 36	
36	92	9.10	35.39	11.8	279 36	
144	70.76	9.1	35.39	12.7	80 20	* gz. zfl.
138	70.71	8.0	26 41.11	18 3 22.8	280 34	
148	79	8.2	41.13	24.4	79 28	
30	69.77	8.9	26 54.80	17 25 23.0	279 56	
144	70.76	6.5	54.73	22.8	80 6	
35	69.92	9	27 10.07	17 10 14.1	279 40	
36	92	8	10.10	12.8	279 40	
144	70.76	8.4	10.13	13.4	80 22	* gz. zfl.
138	70.74	8.0	27 12.06	20 9 41.1	282 40	Dpl. 4″ 320°
		7.4	12.14	39.0	282 40	
147	79	7.7	12.03	40.1	77 22	" 3 325
		7.4	12.20	40.0	77 22	
R.22	69.82	9.1	27 15.10	16 48 4.1 (½)	279 18	
137	70.74	9.3	15.05	2.0	279 18	
143	76	9.2	15.22	2.3	80 44	
136	70.73	8.0	27 41.96	15 1 44.7 (½)	277 32	
142	73	8.7	42.03	45.8	277 32	
143	75	8.7	42.02	44.8	82 30	
30	69.77	h.8	27 54.12	15 8 0.4	277 38	
138	70.79	7.5	54.09	0.2	82 24	
137	70.71	7.1	28 5.06	16 53 29.8 (½)	279 24	
143	76	7.5	5.70	31.0	80 38	
138	70.74	9.0	28 7.10	15 3 24.8	277 34	
148	79	9.1	7.14	24.0	82 28	
138	70.74	9.3	28 14.14 (½)	15 3 54.2 (½)	277 34	etw. uns
148	79	9.5	14.35	55.6	82 28	
141	70.7[illegible]	9.5	28 25.17	17 44 52.7	79 48	
124	87	9.2	25.62	53.6	280 16	
14	69.85	h. 8-9	28 31.11	18 45 7.4	281 14	
147	70.79	8.5	31.12	9.4	78 41	
137	70.74	9.4	28 33.79	16 37 3.5	279 8	sicher
145	75	9.3	33.81	5.7	80 54	

[1] Ein gleicher Stern, nicht in B.D., geht vor 4707 [illegible] 5 etwas S. vor.

[2] [illegible]

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
45	69.91	s. 9-10	28m 34s.44	17° 45′ 47″.2	280° 16′	
46	92	s. 9	34.56	47.2	280 16	
144	70.76	9.2	34.59	47.7	79 46	
154	87	8.9	34.53	49.0	280 16	
138	70.74	9.0	28 37.77	17 5 15.3	279 36	
144	76	9.2	37.70 (½)	15.9	80 26	2 F.
145	76	9.2 zfl.	37.74	15.9 (½)	80 26	
45	69.91	s. 7	28 54.11	17 46 22.3	280 16	
46	92	h. 7	54.23	22.2	280 16	
144	70.76	6.0	54.18	20.9	79 46	Bel. zu schw.
154	87	7.8	54.18	23.0	280 18	
39	69.77	5-6	28 58.83	19 22 52.4	281 52	
147	70.79	7	58.86	53.1	78 8	
44	69.85	8	29 2.84	18 21 45.2	280 50	
148	70.79	8.0	2.80	46.1	79 10	
R.22	69.82	8.4	29 23.36	15 38 28.3	278 8	
136	70.73	8.0 sic	23.20	31.0	278 10	
142	75	8.3	23.28	30.9	278 10	
143	75	8.3	23.19	29.4	81 54	
139	70.74	9.1	29 26.48 (½)	20 12 10.4 (½)	282 42	
147	79	9.3	26.50	11.5	77 20	
136	70.73	9.1	29 30.23	15 11 40.4 (½)	277 42	
142	75	8.6	30.32	39.9	277 42	
143	75	9.0	30.26	40.0	82 20	Bem. [1]
44	69.85	h. 8	29 38.88	18 24 41.9	280 54	
148	70.79	7.4	38.88	42.0	79 8	
39	69.77	9	29 52.34	18 34 37.9	281 4	
148	70.79	8.7	52.27	39.4	78 58	
45	69.91	8-9	29 55.61	16 56 26.2	279 26	
46	92	8	55.60	27.7 (½)	279 26	
144	70.76	[s. 7 *]	55.50	26.9	80 36	* gz. zfl.
137	70.74	8.8	30 0.06	15 25 54.5	277 56	
145	76	8.8	0.12	56.2 (½)	82 6	
138	70.74	9.1	30 5.41	20 10 11.7	282 40	
147	79	9.1	5.38	10.4	77 22	
44	69.85	h. 8-9	30 20.71	18 28 47.9	280 58	
148	70.79	8.5	20.66	47.6	79 4	
136	70.73	9.0	30 21.98	15 53 57.7 (½)	278 24	
142	75	8.7	22.03	58.3	278 24	
143	75	9.0	21.96	57.7	81 38	
136	70.73	9.4	30 22.46	15 49 24.1	278 20	sicher
142	75	9.0	22.58	24.2	278 20	
143	75	9.2	22.48	23.6	81 42	
137	70.74	9.1	30 22.77	15 30 5.7	278 0	
145	76	9.0	22.64	5.8	82 2	
44	69.85	9	30 26.02	14 55 35.3	277 24	
138	70.74	8.9	26.03	36.7	277 26	
149	80	8.8	26.14 (½)	37.1 (½)	82 36	
137	70.74	8.0	30 32.99 (½)	18 4 20.7 (½)	280 35	
144	76	8.6*	32.93	20.0	79 28	* gz. zerfl., zu [schw. gesch.
45	69.91	s. 9	30 37.52	15 8 4.3	277 38	
46	92	8-9	37.60	5.4	277 38	
145	70.76	8.0	37.52	5.1	82 24	
39	69.77	6-7	31 14.29	19 13 30.3	281 44	
147	70.79	7 zfl.	14.17	31.3	78 18	sehr schwkd.
39	69.77	h. 8	31 40.15	19 48 27.8	282 18	
147	70.79	8.2	39.94	26.0	77 44	
R.22	69.82	9.1	31 43.26 (0.4)	18 46 31.9 (½)	281 16	
46	92	s. 9	43.24	30.3	281 16	Z. 44: 9m
148	70.79	9.1	43.30	31.6	78 46	

[1] 9m.4 11s.5 v. (1 F.) 1′ N. (15° 4450); 9m.4 9s: v. 0′.3 S.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
44	69.85	6	31m 54s.47	18° 45′ 24″.1	281° 14′	
45	91	(6-7)	54.45	24.8	281 16	Z. 46: 6m
148	70.79	5.7	54.43	24.5	78 46	
46	69.92	s. 8-9	32 38.92	17 26 14.9	279 56	
144	70.76	8.8	38.82 (½)	15.2	80 6	
152	70.82	9:	32 49.33 (½)	15 6 56.5 (½)	82 24	
155	88	9.3	49.30	56.5 (½)	277 38	Bel. theilw. zu [hell.
44	69.85	s. 9	32 49.04	18 25 11.3	280 54	
148	70.79	9.3	49.18	11.9	79 8	
44	69.85	h. 8	32 49.57	18 24 47.3	280 54	
148	70.79	8.0	49.68	46.5	79 8	D. 15″ 340°±[2]
137	70.74	8.5	33 6.00	15 54 55.8	278 26	
145	76	8.8	6.09	55.7	81 38	
136	70.73	8.7	33 10.78	16 45 2.6	279 16	
142	75	8.5	10.84 (½)	1.7 (½)	279 16	
143	75	8.5	10.87	2.5	80 46	
39	69.77	5-6	33 11.61	19 42 6.9	282 12	
147	70.79	5	11.59	8.2	77 50	
39	69.77	8	33 16.12	20 2 15.8	282 32	
147	70.79	8.0	16.04	15.6 (½)	77 30	
137	70.74	9.1*	33 31.40	20 9 30.3	282 40	* verw.; nebl.?
148	79	8.8	31.46	30.4	77 22	
39	69.77	s. 9	33 46.15	19 50 56.7	282 20	
147	70.79	9.3	46.09	56.6	77 42	δ etw. uns.
148	79	9.2	46.18	57.0	77 42	
R.22	69.82	8.5	33 47.54 (0.4)	17 24 19.7 (½)	279 54	letzt. F. + 1s corr.
45	92	—	[48.2 ±]	[18 ±]	279 54	2 F.
46	92	h. 8-9 .. s. 8	47.53	18.2	279 54	
144	70.76	8.5	47.45 (½)	17.7 (½)	80 8	
44	69.85	s. 8-9	34 2.48	18 39 47.7	281 8	
145	70.76	8.3	2.43	47.7	78 52	
46	69.92	10	34 [3.0 ±]	17 0 [12 ±]	279 30	1 F.
136	70.73	9.6	2.92	19.9	279 30	
142	75	9.5	3.18	19.2 (½)	279 30	
143	75	9.4	3.04	19.1	80 32	
136	70.73	9.9	34 3.79 (½)	17 1 —	279 —	2 F.
143	75	9.5	3.59	25.5 ::	80 30	
138	70.74	8.5	34 26.66	16 44 40.3	279 16	
148	79	8.2	26.66	39.1	80 48	
138	70.74	9.0	34 55.80	16 7 31.4	278 38	
148	79	9.0	55.84	31.8	81 24	
44	69.85	s. 9*	34 59.46	18 14 0.6	280 42	* nebl.? viell. [nur gz. zfl.
144	70.76	8.6	59.47	13 58.8	79 18	
39	69.77	8	35 2.11	18 41 27.4	281 10	
145	70.76	8.0	2.07 (½)	28.8	78 50	
138	70.74	9.3	35 31.55	16 2 15.6	278 32	
147	79	9.5	31.64	15.9	81 30	leidlich
136	70.73	8.5	35 —	15 53 41.6	278 24	
137	74	9.0	32.59	41.8	278 24	
143	75	8.4	32.65	40.9	81 38	
44	69.85	h. 8-9	35 32.79	18 8 12.2	280 38	
45	91	—	[33.1::]	[4 ±]	280 38	1 F.
46	92	8	32.77	13.0	280 38	
144	70.76	8.4	32.73	11.3	79 24	
R.22	69.82	9.0	35 43.12 (0.4)	18 19 14.2 (½)	*280 50	
138	70.74	9.2	43.02	15.9	280 50	
144	76	9.4	43.01	15.7 (½)	79 12	
39	69.77	10	36 4.58:: (½)	18 42 7.6 (½)	281 12	besser ohne F. 2 [4s.30 (3 F.)
145	70.76	9.7	4.25	4.8	78 50	

[2] mit vor. Nr.; 15″ wohl Schreibfehler für 25″

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
138	70.74	7.1	36m 8s.59	18° 22′ 20″.2	280° 52′	
145	76	7.2	8.61	19.4	79 10	
136	70.73	8.8	36 —	14 56 14.0	277 26	
137	74	9.1	25.99	14.6	277 26	
143	75	8.6	26.12	14.5	82 36	
45	69.92	—	36 [31.93]	17 16 [1 ±]	279 46	3 F. — Nur
46	92	h. 8-9	31.69	0.9	279 46	[Schätzung
147	70.79	8.5	31.73	1.9	80 16	
136	70.73	8.0	36 —	18 25 28.5	280 56	
137	74	8.1	42.83	28.1	280 56	
143	75	8.0	42.82	28.0	79 6	
47	69.94	8-9	37 29.56	15 27 19.0	277 58	
144	70.76	[8.8]*	29.56	20.3	82 4	* auszuschl.,
142	70.75	7.3	37 39.83	19 4 1.8	281 34	[Nebel
148	79	7.3	39.81	2.1	78 28	
142	70.75	8.2	37 48.09	15 15 15.8	277 46	
149	80	8.7	48.05	16.8	82 16	
138	70.74	9.3	37 56.37	18 47 7.8	281 18	
148	79	9.2	56.39	7.0	78 46	
R.22	69.82	9.0	38 4.50 (½)	19 20 49.9 (½)	*281 50	
142	70.75	8.9	4.57	50.7	281 52	
147	79	9.2	4.59	50.5	78 12	
138	70.74	7.8	38 9.05	18 46 57.6	281 18	
148	79	8.3	9.09	57.7 (½)	78 46	
138	70.74	8.0	38 22.83	18 43 27.5	281 14	
148	79	8.4	22.88	28.1 (½)	78 48	
144	70.76	h. 9*	38 25.84	16 28 21.8	81 4	* dicker Nebel
154	87	8.5	25.90	22.2	279 0	
150	70.80	hell	38 35.37 (½)	16 46 39.5	80 46	1 F., δ flüchtig
151	81	5.2	35.58	39.5	80 46	
154	87	5.0	35.62	39.0 (½)	279 18	
139	70.74	9.0	38 36.39	16 3 25.4	278 34	
149	80	9.2	36.36	24.9	81 30	
141	70.75	9.0	38 37.60	18 53 28.6	281 24	
148	79	9.2	37.58	28.1	78 38	
142	70.75	8.6	38 45.61	20 10 45.9	282 42	
150	80	8.8	45.70	45.6	77 22	
139	70.74	8.8	38 58.56	16 2 43.7	278 34	
149	80	9.1	58.66	45.6	81 30	
39	69.77	s. 9	39 4.55	19 37 33.7	282 8	
147	70.79	wie 9.5	4.60	34.4	77 54	
150	80	8.5	4.55	33.7	77 54	
139	70.74	8.5	39 15.70	16 23 53.8	278 54	
145	76	9.1	15.59	53.3	81 8	
47	69.94	9	39 20.87	16 12 14.5	278 42	
145	70.76	8.5	20.90	16.5	81 20	16°4586 s.9m
141	70.75	9.3	39 27.48	18 55 39.8	281 26	
148	79	9.5	27.49 (½)	40.5 (½)	78 36	etw. uns.
150	80	9.3	27.46	40.2	78 36	
139	70.74	8.0:	39 36.82	16 18 59.7	278 50	
151	81	8.6	36.84	59.0	81 14	
138	70.74	—	39 40.15	16 11 7.9	278 42	
145	76	9.1	40.19	8.6	81 20	Z.150: 9m.0
155	88	9.2	40.11	8.8	278 42	
142	70.75	8.5	39 40.82	18 17 3.0	280 48	
147	79	9.1	41.06	2.2	79 14	
148	79	8.9	40.77	2.4	79 14	
139	70.74	9.1	39 49.68	16 17 59.1	278 48	
151	81	9.2	49.68	58.3	81 14	
152	82	9.1	49.68	59.1 (½)	81 14	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
141	70.75	7.6	39m 49s.76	15° 11′ 0″.7	277° 42′	
147	79	8.3	49.77	0.4	82 20	
151	81	8.2	49.75	0.1	82 20	
46	69.92	h. 8-9	39 50.28	17 10 48.7	279 40	
149	70.80	8.5	50.30	49.2	80 22	
141	70.75	9.1	39 50.33	15 11 58.3	277 42	Z.147: s.9m
151	81	9.2	50.28	59.1	82 20	
47	69.94	s. 9	40 13.82	16 10 49.8	278 40	
150	70.80	8.9	13.86	50.9 (½)	81 22	
154	87	9.0	13.90	49.5	278 42	
155	88	9.0	13.88	49.9	278 42	
136	70.73	8.6	40 —	15 25 22.9	277 56	
137	74	8.8	14.59	21.8	277 56	
143	75	9.0	14.65	22.1	82 6	
39	69.77	h. 9	40 17.56	19 26 54.8	281 56	
131	70.72	9.0	17.62	56.5	78 6	19°4778 9m.1
136	70.73	9.0	40 —	15 20 45.9	277 52	
137	74	9.2	24.44	44.9	277 52	
143	75	9.3	24.58	45.1	82 12	
46	69.92	s. 8-9	40 26.37	17 9 28.0	279 40	
148	70.79	8.9	26.40	29.0	80 22	
139	70.74	9.0	40 34.51	15 9 58.3	277 40	
151	81	9.3	34.59	57.2	82 22	
138	70.74	8.9	40 36.74	16 47 31.1	279 18	
149	80	9.1	36.77	28.8	80 44	
44	69.85	7-8	40 51.78	18 54 0.8	281 24	
133	70.72	8	51.77	2.0	78 38	
39	69.77	s. 7-8	41 1.33	19 20 40.7	281 50	
131	70.72	8.0	1.16	41.3	78 12	
47	69.94	7	41 8.04	16 37 1.0	279 6	
147	70.79	7.5	8.08	1.4	80 54	
133	70.72	9.1	41 15.28	18 42 17.8	78 50	
138	74	9.0	15.32	17.8	281 12	
46	69.85	s. 8	41 29.41	18 31 9.6	281 2	
145	70.76	8.2	29.35	10.6	79 0	
44	69.85	s. 9	42 9.22	18 45 35.9	281 14	
133	70.72	9.1	9.16	34.4	78 46	
46	69.92	s. 9-10	42 19.43	17 21 30.2	279 52	
145	70.76	9.2	19.50	30.5	80 10	
133	70.72	9.0	42 29.38	18 49 31.4	78 42	
138	74	8.6	29.40	31.2	281 20	
141	70.75	9.2	42 34.21 (½)	15 27 24.3 (½)	277 58	
148	79	9.2	34.21	24.2 (½)	82 4	
44	69.85	9	42 34.95	18 7 3.5	280 36	
133	70.72	8.4	35.13	4.5	79 24	
133	70.72	8.2	42 52.53	18 11 49.8	79 20	
138	74	8.2	52.58	50.7	280 42	
39	69.77	s. 8-9	42 55.81	19 56 30.8	282 26	
131	70.72	9.0	55.73	29.7	77 36	
46	69.92	8-9	43 20.67	16 59 32.3	279 30	
47	94	s. 8	20.68	32.5	279 28	
148	70.79	8.3	20.63	32.2	80 32	
48	69.94	h. 7-8	43 22.71 (2)	15 10 48.2 (2)	277 40	
149	70.80	7.2	22.67	47.9	82 22	
R. 22	69.82	8.6	43 23.99 (0.4)	19 13 58.0 (½)	281 44	
131	70.72	9.1	23.98	58.1	78 18	
138	74	8.5	24.02 (½)	57.9 (½)	281 44	
39	69.77	s. 6	43 36.51	19 52 51.0	282 22	
131	70.72	7.2	36.44	53.3	77 40	
147	79	[7 ±]	36.50	51.4	77 38	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
47	69.94	h. 10	43m 38s.18	16° 26′ 4″.3	278° 56′	
148	70.79	9.2	38.49	5.5	81 6	
139	70.74	8.0	43 45.04	15 1 37.2	277 32	
149	80	8.1	45.03	37.4	82 30	
46	69.92	h. 9	43 50.72	17 21 3.7	279 50	
145	70.76	8.4	50.75	4.3	80 10	
139	70.74	9.3	43 54.84 (½)	15 49 36.5 (½)	278 20	
149	80	9.3	54.88	36.1	81 42	
44	69.85	9	43 57.22	19 3 14.7	281 32	
133	70.72	9.0	57.23	15.2	78 30	
R.22	69.82	9.1	43 59.15 (0.3)	19 48 21.5 (½)	282 18	
131	70.72	9.4	59.04	22.0	77 44	
141	75	9.3	59.01 (½)	22.5 (½)	282 18	
138	70.74	9.0	44 2.22	20 7 3.8	282 38	
148	79	9.1	2.24	3.9	77 24	19°4794 9m
46	69.92	8	44 7.57	17 2 19.6	279 32	
145	70.76	8.1	7.52	20.3	80 30	
44	69.85	h. 10	44 10.90	18 16 35.9	280 46	1 F.
139	70.74	7.9	44 11.30	15 10 13.7	277 40	
149	80	7.8	11.21 (½)	13.3 (½)	82 22	
47	69.94	6.7	44 11.84	16 42 18.7	279 12	
150	70.80	6.1	11.80 (½)	20.5 (½)	80 50	
48	69.94	h.8 .. s.7-8	44 15.32	18 50 28.2	281 20	
147	70.79	8.0 W.	15.26	28.7	78 42	
46	69.92	9	44 18.34	17 30 23.3	280 0	
145	70.76	8.8	18.30	23.1	80 2	
138	70.74	9.2	44 19.97	18 51 12.1	281 22	
147	79	9.2 W.	20.08	9.7	78 40	
139	70.74	8.6	44 27.13	15 13 45.0 (½)	277 44	
150	80	9.1	27.12	44.7	82 18	
39	69.77	s. 9	44 37.12	19 57 27.0	282 26	
131	70.72	9.5	37.06	25.7 (½)	77 34	δ etw. uns.
133	72	9.3	37.14	25.5	77 34	
46	69.92	9	45 26.00	17 54 2.8	280 24	
145	70.76	9.1	26.10	3.0	79 38	
139	70.74	8.8	45 27.04	15 30 54.5	278 2	
150	80	9.3	27.06 (½)	55.3 (½)	82 2	
139	70.74	9.1	45 39.89	15 24 13.4	277 54	
149	80	9.1	39.88	13.3	82 8	
39	69.77	6	45 42.07 (½)	19 14 29.5 (½)	281 44	
131	70.72	7.2	41.98	30.0	78 18	
141	70.75	9.0	45 44.82	17 17 26.9	279 48	
145	76	9.0	44.86	27.2	80 14	
44	69.85	7	45 47.41	18 43 19.8	281 12	
133	70.72	7.0	47.50	18.8	78 48	spl.
R.22	69.82	8.9	45 47.84 (0.3)	19 21 48.9 (½)	281 52	
131	70.72	9.4	47.89	49.0	78 10	
138	74	9.0	47.98	47.6	281 52	
47	69.94	s. 8-9	45 53.45	16 33 43.9	279 4	
147	70.79	8.8	53.47	44.1	80 58	
141	70.75	9.2	46 5.69	16 23 12.8	278 54	
148	79	9.4	5.52	12.8	81 8	
131	70.72	9.3	46 28.85	19 25 44.9	78 6	
138	74	9.0	28.89	43.8	281 56	19°4800 9m.0
131	70.72	9.1	46 41.99	19 48 2.8	77 44	
141	75	9.0	42.03	2.3	282 18	
48	69.94	h. 8	46 58.87	15 20 40.1	277 50	
148	70.79	7.1*	58.75	40.4	82 12	* schw. röthl.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
141	70.75	7.9	47m 7s.78	17° 18′ 58″.9	279° 50′	
145	76	7.8	7.81	58.9	80 14	
138	70.74	9.0*	47 24.46	20 4 42.3	282 34	* nicht schwi-
149	80	8.9	24.43	42.5	77 28	[chet
142	70.75	9.3	47 26.12	16 29 23.4 (½)	279 0	
147	79	(9.5) W.	26.08	[19±]	81 4	
150	80	9.3	26.15	22.7	81 2	
142	70.75	9.1	47 26.83	15 6 41.3	277 38	schwkd.
150	80	9.1	26.85	42.5	82 26	
133	70.72	7.4	47 43.93	18 35 10.0	78 56	
142	75	7.5*	43.95	8.9	281 6	* gz. zfl.
133	70.72	6.0	47 44.49	19 4 47.3 (½)	78 26	Z. 44 . 6m
154	87	6.3	44.49	46.6	281 36	
R.22	69.82	7.0	47 47.56 (0.4)	19 48 38.2 (½)	282 18	
131	70.72	7.5	47.52	39.0	77 44	
138	74	7.0*	47.63	38.1	282 18	* schw. orange
47	69.94	s. 9-10	47 52.32	15 30 15.0	278 0	
151	70.81	9.1	52.27	14.7	82 2	
131	70.72	9.1	47 55.48	19 51 5.6 (½)	77 42	
138	74	8.5	55.48	4.7	282 22	
139	70.74	8.3	48 8.11	17 29 9.1	280 0	
148	79	8.3	8.14	8.1	80 2	
46	69.92	8	48 9.33	17 48 45.5	280 18	
145	70.76	7.8	9.37	43.5	79 44	
139	70.74	8.3	48 11.06	17 28 5.8	279 58	
148	79	8.4	10.98	5.7	80 4	
141	70.75	9.2	48 11.00	19 21 39.4	281 52	
149	80	9.3	11.15	40.0	78 10	
46	69.92	s. 8	48 19.36	17 48 53.1	280 18	
145	70.76	7.9	19.34	52.6	79 44	
139	70.74	7.5	48 21.32	17 26 5.2 (½)	279 56	
148	79	8.0	21.41	5.6	80 6	
44	69.85	8-9	48 22.09	18 59 11.5	281 28	
133	70.72	9.0	22.06	13.2	78 32	
48	69.94	s. 7	48 24.97	19 7 46.1	281 38	Z. 14 : 6-7m
150	70.80	7.5	24.96 (½)	45.5 (½)	78 24	
151	81	7.0	24.94	44.9	78 24	
48	69.94	9	48 26.48	19 7 37.6	281 38	
151	70.81	9.0	26.43	37.5	78 24	
48	69.94	s. 8	48 31.27	19 53 1.3	282 22	* richt Schätz.:
131	70.72	8.8*	31.32	2.4 (½)	77 40	[dpl.?
40	69.78	s. 9	48 45.45	14 57 8.5	277 26	
152	70.82	9.3	45.38	7.9	82 34	
133	70.72	9.4	48 46.08	18 47 9.5: (½)	78 44	
139	74	9.3	46.03	11.3	281 18	
44	69.85	s. 9	48 48.29: (½)	18 59 46.1: (½)	281 28	2 F.
133	70.72	9.0	48.40	49.3	78 32	
139	70.74	9.3	49 5.26 (½)	18 50 43.9 (½)	281 22	
150	80	9.4	5.26	45.8	78 42	
138	70.74	8.1	49 10.15	20 12 9.2	282 42	20°5038 9m
149	80	8.6	10.12	8.2	77 20	" h.9m
46	69.92	8-9	49 19.07	17 24 47.7	279 54	
148	70.79	8.4	19.09	48.5	80 8	
141	70.75	9.2	49 19.58	19 25 19.5	281 56	
152	82	9.3	19.69	19.0	78 6	
39	69.77	9 .. s.9	49 19.74	19 13 34.7	281 44	
151	70.81	9.0	19.68	34.4	78 18	
154	87	9.2	19.75	34.7	281 44	
44	69.85	9:	49 25.58 (½)	19 4 47.6	281 34	3 F.
133	70.72	9.2	25.48 (½)	47.9	78 28	3 F.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21^h			
48	69.94	s. 8-9	$49^m27^s.95$	19° 34′ 42″.5	282° 4′	
152	70.82	8.2	27.97	44.1	77 58	
151	70.81	9.2	49 29.19	19 11 21.7	78 20	
154	87	9.3	29.20	20.6	281 42	
139	70.74	9.1	49 40.77	17 18 44.1	279 50	
145	76	9.1	40.83	45.5	80 14	
47	69.94	9 - h.9	49 45.69	16 31 4.4	279 0	
152	70.82	8.5	45.60	6.3	81 2	
142	70.75	8.6	49 45.87 (½)	16 7 17.5 (½)	278 38	
151	81	8.7	45.90 (½)	18.9	81 24	3 F.
153	85	8.5	46.04	17.9	81 24	
142	70.75	9.2	49 48.20	16 6 36.1	278 38	
151	81	9.4	48.26 (¼)	36.8	81 24	1 F.
152	82	9.5	48.31	38.9	81 26	
153	85	9.5 W.	48.18	38.8	81 26	
39	69.77	s. 9	49 50.49	19 53 35.0	282 24	
131	70.72	9.3	50.43	35.2	77 38	
40	69.78	9-10	49 52.12	15 1 7.0	277 30	
153	70.85	9.2	52.17	8.2	82 32	etw. W.
R.22	69.82	9.1	50 5.23 (0.4)	19 12 15.5 (½)	281 42	D. 20°, C. 9ᵐ.1
141	70.75	{ 9.2	4.68	11 56.8	281 42	} Dpl. 20°
		9.1	5.24	12 16.3	281 42	
151	81	{ 9.3	4.81	11 58.7	78 20	} Dpl.
		8.9	5.23	12 16.6	78 20	
R.23	69.82	8.8	50 13.41 (0.4)	20 5 30.7 (½)	282 36	
131	70.72	9.1(:)	13.31(:)	33.5	77 26	
138	74	8.7	13.36	33.5	282 36	
149	80	8.9	13.31	33.3	77 26	
R.23	69.82	8.4	50 15.90 (0.3)	19 26 51.2 (½)	*281 56	3 F.
139	70.74	8.2	15.91	51.4	281 58	
149	80	8.0	15.98	50.8	78 6	
47	69.94	9-10	50 29.56	16 48 47.4:(⅓)	279 18	
148	70.79	9.3	29.55	45.7	80 44	
138	70.74	8.2	50 32.54	20 5 6.6	282 36	
149	80	8.9	32.46	7.9	77 26	
39	69.77	s. 9	50 37.69	19 4 44.0	281 34	
133	70.72	9.2	37.82 (⅓)	46.7	78 28	3 F.
40	69.78	8-9	50 41.44	15 31 55.0	278 2	Com. 1° par. v.;
148	70.79	8.5	41.36	55.8	82 0	δ nicht gut
152	82	8.3	41.40	56.1	82 0	
47	69.94	h. 8	50 56.16	16 50 47.7	279 20	
148	70.79	8.0	56.13	47.4	80 42	
46	69.92	7-8 [1]	51 5.32	17 5 19.0	279 36	
147	70.79	hell	5.38	19.4	80 26	
46	69.92	9-10 [1]	51 6.62	17 35 50.1	280 6	
145	70.76	9.3	6.63	49.8	79 56	nicht gut
151	81	9.2	6.61 (½)	50.5 (½)	79 56	
40	69.78	s. 9	51 8.92	16 0 27.6	278 30	
149	70.80	9.2	9.02	27.3	81 32	15°4529 9ᵐ.2
138	70.74	8.6	51 16.48	15 36 12.5	278 6	
148	79	9.0	16.51	13.8	81 56	
48	69.94	9	51 18.52	17 10 40.3	279 40	
145	70.76	9.1	18.61	42.4	80 22	
48	69.94	8-9	51 22.21	17 10 7.9	279 40	
145	70.76	8.5	22.18	7.2	80 22	
44	69.85	s. 9	51 37.06	18 53 37.0	281 22	
133	70.72	9.2	37.05	37.4	78 38	
153	85	[7.2]*	37.24	37.8	78 38	* Bem. [2]
154	87	9.1	37.17	37.9 (½)	281 24	
R.22	69.82	7.2	51 46.83 (0.4)	19 42 28.6 (½)	*282 12	
48	94	s. 7-8	46.40	29.7	282 12	Z. 39: h. 7-8ᵐ
131	70.72	7.6(:)	46.86	29.5	77 50	
39	69.77	h. 8-9	51 50.09	19 38 48.2	282 6	
131	70.72	9.1(:)	50.09	47.6	77 54	spl.
39	69.77	8	51 53.94	19 17 4.2	281 46	
131	70.72	8.3(:)	53.93	4.9	78 16	
40	69.78	s. 9	52 7.00	16 35 14.2	279 6	
145	70.76	9.2	6.95	15.9	80 56	
44	69.85	s. 9	52 7.56	18 29 13.9	280 58	
133	70.72	9.2	7.66	11.2	79 2	
153	85	erst 8.8 [3]	7.66	11.7	79 2	
46	69.92	h. 10 [4]	52 17.79	16 37 56.4	279 8	
47	94	9-10	17.88	52.9:(⅓)	279 8	
145	70.76	9.3	17.86	53.4	80 54	
44	69.85	7	53 3.98	18 25 28.7	280 54	
133	70.72	6.5*	3.99	29.3	79 6	* gz. zfl.
152	82	6.8	3.96 (½)	29.9 (½)	79 6	
153	85	7.0	3.97	28.7	79 6	
47	69.94	7-8	53 23.07	16 31 46.1	279 2	
145	70.76	8.2	23.08	45.9	81 0	
46	69.92	s. 9 [4]	53 26.31	16 43 23.6	279 14	
147	70.79	8.5 [5]	26.36	22.9	80 48	
40	69.78	s. 8	53 29.39	15 3 51.0	277 34	
147	70.79	(s. 8)	29.39	50.3	82 28	
39	69.77	9	53 38.94	18 43 15.6	281 12	
133	70.72	9.0	38.93	15.6	78 48	
153	85	8.6	39.03	14.5	78 48	
47	69.94	9	53 45.45	16 10 16.3	278 40	
149	70.80	9.1	45.47	16.0	81 22	
48	69.94	9-10	54 16.97	16 23 11.6	278 52	
145	70.76	9.2	17.00	11.2	81 8	
39	69.77	h. 8-9	54 18.03	19 18 46.6	281 48	
131	70.72	9.1(:) sic	18.07	46.7	78 14	
138	70.74	9.0	54 42.91	15 18 2.5	277 48	
148	79	9.5	43.03	3.5	82 14	
133	70.72	8.8	55 1.99	18 40 51.8	78 52	
139	74	8.5	2.02	51.6	281 12	
153	85	8.7	2.00	50.6	78 50	
142	70.75	8.5	55 9.86	18 56 19.9	281 28	
147	79	8.7	9.74	20.6	78 36	
152	70.82	9.3	55 13.99	17 58 25.9	79 34	
154	87	9.2	14.08	26.8	280 28	
141	70.75	9.0	55 20.56	15 38 58.9	278 10	
148	79	9.4	20.64	59.0	81 54	
39	69.77	h. 10	55 20.68:(⅓)	18 14 25.3:(⅓)	280 44	
149	70.80	9.3	20.68	24.0	79 18	
138	70.74	9.3	55 37.76	17 7 30.0	279 38	
152	82	9.3	37.87	29.8	80 24	
139	70.74	9.1	55 40.67	15 11 24.1	277 42	
149	80	9.1	40.77	24.2	82 20	
40	69.78	s. 9	55 57.38	15 43 50.9	278 14	
148	70.79	9.5	57.37	51.2	81 48	δ etw. uns.
151	81	9.3	57.34	51.3	81 48	
44	69.85	9-10	56 24.90	18 45 6.1	281 14	
147	70.79	9	24.97	8.5:(⅓)	78 48	bei δ-Einst. k.
149	80	9.0	24.92	8.0 (½)	78 46	[sichtb.

[1] In Z. 46 dunstig, Grössen 0ᵐ.1 zu schwach geschätzt.
[2] wohl zu hell geschätzt, doch mindestens 8ᵐ
[3] wurde nachher schwächer, dünne Wolken; Hgl. −ˢ.02 ang.
[4] In Z. 46 dunstig, ¹/₆ᵐ zu schwach geschätzt.
[5] unter Wolken, aber schwerlich viel zu hell geschätzt

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
48	69.94	h.8-9..s.8	$56^m 25^s.01$	18° 13′ 53″.1	280° 44′	
133	70.72	8.6	25.00	54.6	79 18	
153	85	8.4	25.07	53.0	79 18	
39	69.77	8-9	56 25.12	19 51 45.5	282 22	
131	70.72	9.0(:)	25.09	45.7	77 40	
46	69.92	9[1]	56 35.05	17 50 18.8	280 20	
145	70.76	8.2	35.03	19.2	79 42	
39	69.77	h.9	56 36.87	19 56 15.0	282 26	
131	70.72	9.2(:)	36.73	13.8	77 36	
50	69.95	s.7	56 37.77	15 23 5.6	82 8	
138	70.74	7.0	37.82	5.6 (½)	277 54	
49	69.95	s.8-9	56 43.39	17 42 6.0	280 12	
145	70.76	8.8	43.40	6.8	79 50	
145	70.76	9.2	56 43.77	17 39 40.7	79 52	
154	87	9.3	43.82	42.5	280 10	
47	69.94	s.9	56 44.62	16 36 33.7	279 6	
51	95	9-10	44.49 (½)	33.6 (½)	80 54	etw. uns.
49	69.95	h.8	56 54.18	15 10 48.3	277 40	
151	70.81	7.5	54.16	49.8	82 22	
48	69.94	s.9-10	57 2.87	15 26 17.6	277 56	
147	70.79	—	3.01 (⅓)	—	82 —	3 F.
148	79	9.3	2.97	16.3	82 6	
40	69.78	s.8-9	57 13.07	15 38 27.5	278 8	
49	95	9	13.13	27.9	278 8	
50	95	9	13.15	27.9	81 54	
44	69.85	s.8	57 14.42	18 16 55.6	280 46	
131	70.72	8.5	14.37	54.9	79 16	
46	69.92	h.10[1]	57 29.57 (⅓)	17 5 41.8	279 36	2 F.
133	70.72	9.2	29.70	41.9	80 26	
153	85	9.2	29.72	41.1	80 26	
47	69.94	9-10	57 42.09	16 7 22.7	278 38	
51	95	9-10	42.24	22.2:(½)	81 24	
40	69.78	h.8	58 16.30	15 39 57.6	278 10	
49	95	8	16.34	58.3	278 10	
50	95	h.8	16.28 (⅓)	57.9	81 52	3 F.
145	70.76	7.3	16.38	57.8	81 52	
44	69.85	s.9-10	58 23.43	18 52 43.4	281 22	3 F.[2]
39	69.77	s.8	58 24.06 (½)	19 39 49.6 (½)	282 10	
131	70.72	8.6(:)	24.14	49.3	77 52	
48	69.94	9..s.9	58 26.30	15 16 1.6	277 46	
50	95	9	26.40 (½)	0.5	82 16	3 F.
133	70.72	9.0	26.45	1.9	82 16	
153	85	8.8	26.46 (½)	1.2 (½)	82 16	
48	69.94	h.10	58 28.77 (½)	15 17 18.1	277 48	1 F.
133	70.72	9.2	28.85:(⅓)	18.6:(⅓)	82 14	Bel. zu hell
48	69.94	8-9	58 29.17	15 15 19.2	277 46	
50	95	s.8-9	29.20 (½)	18.7	82 16	3 F.
133	70.72	8.6	29.21	18.2	82 16	
138	70.74	9.3	58 38.27	15 38 38.8	278 8	
142	75	9.2	38.31 (½)	38.9 (½)	278 10	
148	79	9.4	38.34	37.9	81 54	
49	69.95	s.9	58 38.49	15 0 13.6	277 30	
149	70.80	9.2	38.45 (½)	12.9 (½)	82 32	
46	69.92	9-10[1]	58 41.49	17 2 18.5:(⅓)	279 32	
51	95	9	41.69	19.5	80 30	
138	70.74	9.1	58 41.89	15 26 21.1	277 56	
148	79	9.2	41.85	21.8	82 6	
47	69.94	s.8	58 55.81	16 52 24.8	279 22	
145	70.76	8.7	55.80	24.4	80 40	

[1] In Z. 46 Dunst, $0^m.2$ zu schwach geschätzt.
[2] Sehr schw. * $9\text{-}10^m$ wenige Sec. v. 3′ N.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			21h			
40	69.78	8-9	$59^m 2^s.85$	15° 37′ 59″.5	278° 8′	
46	92	8-9[3]	2.88	38 0.3	278 8	eilig
148	70.79	8.6	2.93	37 59.2	81 54	Z.142: 8^m
147	70.79	9.0 sic	59 15.58	18 55 14.4	78 36	
153	85	8.7	15.73	14.9	78 38	
44	69.85	s.8-9	59 17.64	18 48 29.3	281 18	
133	70.72	8.7	17.65	28.1	78 44	
153	85	8.5	17.71	27.9 (½)	78 44	
40	69.78	h.9-10	59 32.00	15 22 5.8	277 52	
148	70.79	9.3	32.03	4.6	82 10	
47	69.94	7-8	59 34.22	16 54 20.5	279 24	
51	95	h.8..s.7-8	34.20	19.9	80 38	
			22h			
46	69.92	9-10[3]	0 3.00	17 11 28.0	279 42	
145	70.76	9.2	3.17	27.4	80 20	
39	69.77	9-10	0 5.01	19 59 57.1	282 30	
131	70.72	9.3(:)spl.	4.97	54.9	77 32	
131	70.72	{ 8.9	0 7.35	20 11 40.4	77 20	} Dpl. 10″ 230°
		{ 8.4	7.66	46.9	77 20	
138	74	{ 8.9	7.28	38.7	282 42	} » 7 220
		{ 8.3	7.59	47.3	282 42	
139	74	{ 8.9	7.31	40.8	282 42	} » 10 220
		{ 8.5	7.60	48.1	282 42	
47	69.94	9	0 12.65	15 7 45.3	277 38	
147	70.79	9.1	12.55	44.5	82 24	
R.23	69.82	8.9	0 15.86 (0.1)	20 3 54.1 (½)	282 34	
131	70.72	9.1(:)	15.91	56.4	77 28	
141	75	8.5	15.92	55.6	282 34	
141	70.75	7.2	0 41.73	16 8 28.6	278 38	
149	80	7.3	41.77	29.6	81 24	
141	70.75	9.2	0 52.51	17 0 43.5	279 30	16° 4666 $9^m.2$
145	76	9.2	52.50	44.0	80 32	
46	69.92	8-9[3]	1 3.76	17 42 32.5	280 12	
149	70.80	8.0	3.72	33.3	79 50	
46	69.92	8-9[3]	1 27.75	17 0 7.9	279 30	
145	70.76	8.3	27.92	6.8	80 32	
48	69.94	6	1 31.32	18 51 52.4	281 22	
133	70.72	6.4	31.35	53.1	78 42	
153	85	6.0	31.36	52.1	78 40	
138	70.74	6.9*	1 31.38	17 23 33.3	279 54	* röthlich
147	79	[6-7 ±]	31.35	31.7	80 8	
138	70.74	9.2	1 —	17 3 39.1	279 34	
139	74	9.2	55.00	37.5	279 34	
145	76	9.3	54.98	38.3	80 28	
47	69.94	s.7	2 9.53	16 56 53.8	279 26	
148	70.79	7.4	9.57	53.9 (½)	80 36	
48	69.94	s.9	2 30.53	18 53 8.3	281 22	
133	70.72	9.1	30.56	8.1	78 40	
153	85	9.2	30.48	7.8	78 40	
46	69.92	8-9[3]	3 5.20	17 52 34.0	280 22	
149	70.80	8.0	5.36	33.8	79 40	
40	69.78	8-9	3 11.36	15 21 0.6	277 50	
151	70.81	8.3	11.33	0.8	82 12	
48	69.94	9	3 11.47	18 23 9.9	280 52	
133	70.72	9.0	11.45	9.2	79 10	
153	85	9.0	11.49	7.7	79 10	
39	69.77	s.9	3 13.30	19 54 54.6	282 24	
131	70.72	9.4(:)	13.14	54.0	77 38	1 F. st. abw.
152	82	9.3	13.24	55.1	77 38	

[3] In Z. 46 Dunst, $0^m.2 .. 0^m.3$ zu schwach geschätzt.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
47	69.94	9	3m35s.01	16° 50' 32".0	279° 20'	
48	70.79	9.1	34.99	31.7	80 42	
38	70.74	8.9	4 8.42	16 10 6.9	278 40	
48	79	8.5	8.46	6.7	81 22	
40	70.80	9.3	4 9.18	17 51 30.8	79 40	
39	69.77	...*	4 10.41	19 12 58.3	281 42	* h. 9-10 .. 9-10
31	70.72	9.2(:)	10.57	57.9	78 20	
40	69.92	9-10[1]	4 10.72	17 50 0.4	280 20	
140	70.80	8.4	10.92	49 58.9	79 42	
48	69.94	7	4 21.63	19 0 21.5	281 30	
133	70.72	6.8	21 70	21.0	78 32	
153	85	7.0	21.67	21.6 (½)	78 32	
150	70.74	9.9	4 24.40::(½)	15 39 59.9::(½)	278 10	
141	75	10	24.40 (½)	40 2.0::(½)	278 10	2 F.
142	75	9.7	24.59	2.5	278 10	rel. leidlich
149	80	10	24.47::(½)	39 59.4::(½)	81 52	gz. dkl. Feld
151	81	9.6	24.43:(½)	57.6 (½)	81 52	fast dkl. Feld
142	70.75	7.2	4 25.16 (½)	18 11 4.8 (½)	280 42	
151	81	8.0:	25.15 (½)	3.5	79 20	3 F.
47	69.94	s. 7-8	4 26.64	16 5 41.6	278 36	
148	70.79	7.9	26.59	42.1	81 26	
141	70.75	9.1	4 30.03 (½)	18 47 43.5 (½)	281 18	
151	81	9.2	30.12	45.4	78 44	
48	69.94	h. 8-9	4 33.22	18 59 33.7	281 30	
133	70.72	8.2	33.29	33.3 (½)	78 32	
153	85	8.2	33.23	33.5 (½)	78 32	
138	70.74	9.3	4 34.28	16 17 43.3	278 48	
148	79	9.4	34.29	44.3	81 14	
139	70.74	9	4 41.84::(½)	15 36 23.0:(½)	278 6	Feld fast gz. [dkl.
141	75	8.6	41.87	23.0	278 6	
142	75	9.0	41.85	24.2	278 6	
149	80	8.0	41.79:(½)	23.8 (½)	81 56	
152	82	8.9:	41.85	24.5	81 56	
139	70.74	8.0	4 47.87	15 5 41.1	277 36	
152	82	8.4	47.83	41.7	82 26	
40	69.78	9-10	4 53.54	16 0 1.4	278 30	
152	70.82	9.2	53.35 (½)	3.3 (½)	81 32	
131	70.72	9.1	4 54.32	19 9 48.4	78 22	
154	87	9.3	54.41	48.9 (½)	281 40	
39	69.77	8-9	5 9.12	19 10 27.7	281 40	
131	70.72	8.5(:)	9.16	29.2	78 22	
154	87	9.0	9.18	27.4	281 40	
46	69.92	8[1]	5 14.85	17 7 27.7	279 36	
145	70.79	8.3	14.88	27.6	80 24	
47	69.94	h. 9	5 19.34	16 46 57.2	279 16	
51	95	s. 9 .. h. 9-10	19.28	55.9	80 46	
39	69.77	s. 9	5 24.37	19 12 3.6	281 42	
133	70.72	9.2	24.29	4.2	78 20	
153	85	9.2	24.37	4.1	78 20	
R.23	69.82	9.1	5 28.56(0.4)	19 53 11.1 (½)	282 24	
131	70.72	9.3(:)	28.66 (½)	12.0 (½)	77 39	
138	74	9.2	28.60	12.0 (½)	282 24	
51	69.95	h. 8-9	5 29.36	16 54 17.1 (½)	80 38	
139	70.74	8.1*	29.41	18.0	279 24	* nicht schwä- [cher
40	69.95	8-9	5 39.62	18 2 40.1	280 32	
133	70.72	8.9	39.59	41.1	79 30	
138	74	8.5	39.54	39.9 (½)	280 34	
153	85	8.7	39.57	40.2	79 30	
40	69.78	6-7	5 49.14	15 25 32.9	277 56	
50	95	h. 7	49.14	30.9	82 6	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
47	69.94	h. 9	6m36s.04	16° 34' 10".1	279° 4'	
51	95	h. 9	36.08	8.6	80 58	
39	69.77	10	7 1.48::(½)	19 35 15.3	282 4	3 F.
148	70.79	10	1.28	15.2	77 56	rel. leidlich
40	69.78	h. 9-10	7 1.42	15 44 16.3	278 14	
50	95	h. 9-10	1.43	16.2	81 48	
40	69.78	h. 9-10	7 10.65	15 45 26.8	278 16	
50	95	...*	10.58	24.4	81 46	* h. 9-10 .. 9-10
46	69.92	s. 7[1]	7 10.87	17 39 47.9	280 10	
49	95	h. 7-8	10.84	47.3 (½)	280 10	
133	70.72	7.0	10.75	47.4	79 52	
153	85	7.0*	10.88	47.5	79 52	* schw. orange
R.23	69.82	8.1	7 37.17	15 15 16.2	277 46	
48	94	8	37.11	16.5	277 46	
148	70.79	8.6 zfl.	37.14	18.2	82 16	
48	69.94	8	7 40.47	18 17 6.6	280 48	
133	70.72	8.0	40.54	6.9	79 16	
153	85	8.1	40.51 (½)	7.1 (½)	79 16	
39	69.77	9	7 47.32	19 30 9.1	282 0	
131	70.72	9.1(:)	47.25	10.3	78 2	
39	69.77	h. 9	7 48.94	19 34 55.7	282 4	
131	70.72	9.1(:)	48.97	54.1	77 56	
39	69.77	h. 9	8 9.35 (½)	19 56 23.9 (½)	282 26	
131	70.72	9.1(:)	9.36 (½)	24.0	77 36	2 F.
133	72	9.0	9.41	23.2	77 36	
153	85	9.1	9.41	23.4 (½)	77 36	
47	69.94	7	8 18.16	16 34 24.7	279 4	
49	95	s. 7	18.19 (½)	24.2 (½)	279 4	
51	95	s. 7	18.12	23.6	80 58	
46	69.92	s 8[1]	8 20.23	17 24 5.8	279 54	
148	70.79	8.3	20.19	6.8	80 8	
40	69.78	9-10	8 43.50	15 12 21.0	277 42	
50	95	9 .. s. 9	43.47	20.6	82 20	
47	69.94	s. 9	8 49.17	16 2 7.0	278 32	
50	95	s. 9	49.13	7.3	81 30	
47	69.94	9-10	9 16.40	16 11 17.0	278 40	
51	95	9-10	16.49	14.2	81 20	
46	69.92	h. 8-9[2]	9 27.40	17 58 58.8	280 28	
53	97	8	27.42	57.5	79 32	Z. 133: 8m:
48	69.94	9	9 34.13	16 19 43.1	278 50	
51	95	9	34.18	43.4	81 12	
39	69.77	s. 9	10 0.10 (½)	18 52 53.7 (½)	281 22	
133	70.72	9.1	0.15	52.9	78 40	
153	85	9.0	0.10	53.0	78 40	
R.23	69.82	8.8	10 1.53 (½)	17 56 59.4 (½)	280 26	
46	92	9-10[2]	[1.27::]	57 1.8::(½)	280 26	
133	70.72	9.1	1.61	0.3	79 36	
153	85	9.0	1.55	0.6	79 36	
40	69.78	h. 8-9	10 3.17 (½)	15 23 59.1 (½)	277 54	
50	95	s. 8	3.05	58.4	82 8	
148	70.79	9.1	10 5.94	17 17 10.4	80 16	
47	69.94	10	10 6.69	16 48 59.1	279 18	
48	94	s. 9	6.63	49 1.3	279 20	
148	70.79	9.4	6.67	1.4	80 44	
51	69.95	s. 9	10 18.77	16 52 17.8	80 40	
141	70.75	9.1	18.70 (½)	20.7 (½)	279 22	
46	69.92	10[2]	10 [25.18±]	17 16 [30±]	279 46	
48	94	9-10	25.19	27.8	279 46	
148	70.79	9.1	25.35	28.5	80 16	

[1] In Z. 46 Dunst, $1_{.3}^{m}$ zu schwach gesch. [2] dgl. $0^{m}.4$ zu schwach gesch.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
40	69.78	s.8-9	10m46s.43 (½)	15°44′45″.2 (½)	278°14′	
50	95	8-9	46.49	44.2	81 48	
49	69.95	9	10 56.62	15 37 57.7	278 8	
148	70.79	9.0	56.63	56.8	81 54	
48	69.94	10	11 7.02:(½)	18 12 1.4:(½)	280 42	3 F.
133	70.72	9.4	7.17	3.2	79 20	
153	85	9.2	7.28	1.3	79 20	
39	69.77	9	11 12.59	19 7 6.2	281 36	
131	70.72	9.4(:)	12.68	7.3	78 26	
149	80	(8.5) W.	12.70	6.4	78 26	
47	69.94	9	11 16.04	16 37 18.4	279 6	
49	95	s.9	16.16 (½)	17.8	279 8	α etw. uns.
51	95	s.9	16.07 (½)	16.9	80 54	3 F.
142	70.75	8.8	11 17.74	15 18 32.6	277 50	
149	80	8.7	17.82	33.6	82 14	
138	70.74	8.4	11 31.07	16 11 19.6	278 42	
151	81	8.2	31.13 (½)	20.1 (½)	81 21	
40	69.78	h.9	11 33.87	15 5 52.2	277 36	
149	70.80	8.5	34.00 (½)	53.0 (½)	82 26	
138	70.74	9.4	11 34.57	16 29 53.8	279 0	
151	81	9.3	34.68 (½)	55.0 (½)	81 3	
47	69.94	8-9	11 39.81	16 47 32.7	279 16	
51	95	8-9	39.82	31.8	80 44	
39	69.77	s.8-9	11 53.76 (½)	19 29 4.9 (½)	281 58	
131	70.72	9.2(:)	53.84	5.5	78 4	
R.22	69.82	8.2	12 0.61 (0.4)	18 25 1.0 (½)	280 54	
48	94	h.8	0.68	24 59.5	280 54	
133	70.72	7.9	0.69	59.7	79 8	
153	85	7.7	0.68	59.8	79 8	
49	69.95	s.8	12 2.53	15 45 56.2	278 16	
50	95	h.8	2.42	56.0	81 46	
138	70.74	8.2	2.42	56.5 (½)	278 16	
46	69.92	h.9[1]	12 10.90	17 47 51.1	280 18	
148	70.79	8.3	10.79	52.8	79 44	
48	69.94	—	12 47.42	18 39 38.0	281 10	
133	70.72	7.7	47.47	39.7	78 52	
153	85	8.0	47.45	38.8 (½)	78 52	
39	69.77	7	12 48.39	19 20 20.2	281 50	
131	70.72	7.8(:)	48.33	20.1	78 12	
50	69.95	h.7-8	12 48.96	15 37 56.7	81 54	
139	70.74	7.4	48.95 (½)	56.4 (½)	278 8	
40	69.78	s.8-9	12 57.88	15 18 17.8	277 48	
50	95	s.8 W.:	57.85	18.8	82 14	
49	69.95	8‥h.8	13 3.57	18 1 44.8	280 32	
53	97	h.8	3.65	43.6	79 30	
139	70.74	7.7	3.58	44.2	280 32	
46	69.92	s.8[1]	13 11.25	17 27 15.6	279 56	
53	97	s.8	11.38	13.8	80 4	
152	70.82	8.8	13 13.37	16 0 40.4	81 32	
39	69.77	s.8-9	13 15.49	19 10 30.1	281 40	
131	70.72	9.2(:)	15.61	30.1	78 22	
39	69.77	s.9‥9	13 —	19 1 39.4	281 32	
48	97	9-10	31.04	36.9	281 32	
133	70.72	9.2	31.11	38.3	78 30	9m.4 3s v. 0′.2 S.
153	85	9.2	31.15	38.4	78 30	
40	69.78	h.8	13 36.86 (½)	15 32 10.6 (½)	278 2	
50	95	h.8	36.86	10.4	82 0	
46	69.92	8-9[1]	13 46.02	16 10 8.6	278 40	
51	95	s.8	46.03	6.8	81 22	

[1] In Z. 46 Dunst, 0m.4 zu schwach geschätzt.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
40	69.78	9	13m50s.12	15°12′43″.6	277°42′	
148	70.79	8.5	50.20	42.9	82 18	15°4621 s.9m
R.22	69.82	9.1	13 53.45 (0.4)	16 14 47.5 (½)	278 44	
47	94	8-9	53.54	46.4	278 44	
51	95	h.9‥s.8-9	53.52	45.1	81 18	
48	69.94	…*	14 45.55	18 54 47.2	281 24	* 9-10‥s.9-10
148	70.79	9.1	45.63	45.1	78 38	
47	69.94	9	14 51.81	16 12 50.2	278 42	
149	70.80	9.2	51.75	50.3	81 20	
133	70.72	9.3	15 4.25	18 11 40.2	79 20	
153	85	9.5	4.22	40.8	79 20	δ etw. uns.
154	87	9.2	4.44	41.1	280 42	
46	69.92	h.8-9[2]	15 9.98	17 20 33.2	279 50	
149	70.80	7.5	9.97	34.4	80 12	
39	69.77	9-10	15 —	18 11 2.6	280 40	
48	94	s.9-10	16.53	2.4	280 40	
133	70.72	9.0:	16.61	2.2	79 20	
153	85	9.1	16.57	2.0	79 22	
R.22	69.82	9.3	15 54.97 (0.3)	16 51 45.5 (½)	279 22	3 F.
47	94	9-10	54.83	42.7	279 22	
148	70.79	9.7	54.93	40.0	80 40	
151	81	9.3	55.10	41.4	80 40	
40	69.78	s.7	16 0.40 (½)	15 1 20.2 (½)	277 30	
143	70.75	7.2	0.39	18.6	82 30	
39	69.77	s.9	16 —	18 9 3.5	280 38	
48	94	h.10	2.60	3.3	280 38	
133	70.72	9.2	2.72	2.4	79 22	
153	85	9.2	2.91 (½)	3.5	79 24	
47	69.94	s.9	16 26.37	16 38 53.3	279 8	
148	70.79	9.5	26.41	52.4	80 54	
149	80	9.0	26.44	53.5	80 54	
47	69.94	9-10	16 39.96	16 48 53.5	279 18	
51	95	9-10	40.06	51.6	80 44	
46	69.92	10[2]	16 42.41 (½)	17 53 23.3::(½)	280 24	2 F.
151	70.81	8.9	42.65	24.9	79 38	17°4735 9m.2
39	69.77	s.8	16 —	18 24 42.3	280 54	
48	94	s.8	54.37	41.9	280 54	
143	70.75	8.3*	54.42	41.8	79 8	* nicht schwächer
40	69.78	9-10	16 56.73	15 21 38.0	277 50	
50	95	h.9-10	56.82	38.1	82 10	
49	69.95	9	17 16.63	17 7 2.1	279 36	
149	70.80	9.0	16.65	1.8	80 26	
49	69.95	s.7-8	17 25.82	17 1 30.9	279 30	
51	95	h.8	25.83	30.1	80 30	
138	70.74	9.0	17 27.69	17 47 40.5	280 18	17°4737 9m.2
151	81	9.1	27.75	38.9	79 44	
131	70.72	9.0	17 36.65	20 13 56.4	77 18	
138	74	8.6	36.61	56.8	282 44	
139	74	9.0	36.63	56.1	282 44	
131	70.72	7.5	17 38.60	20 13 2.4	77 20	? 9m.5 3s 170°
138	74	6.5	38.67	1.0	282 44	C. 9m.2 2s 180°
139	74	6.4	38.64	0.4	282 44	spl.
48	69.94	h.8	17 40.63	18 33 28.1	281 2	
143	70.75	8.2 orge	40.65	27.1	78 58	
46	69.92	s.9[2]	17 43.16	17 24 12.4	279 54	
151	70.81	8.6	43.17	11.6	80 8	
49	69.95	9	17 45.83	16 8 30.4 (½)	278 38	
152	70.82	9.2	45.87	30.8	81 24	

[2] In Z. 46 Dunst, 0m.5 zu schwach geschätzt.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22^h			
40	69.78	h. 9-10	$17^m 49^s.29$	15° 58′ 57″.2	278° 28′	
50	95	s. 9	49.26	57.4	81 32	
39	69.77	s. 9	17 —	19 54 21.9	282 24	
R.22	82	8.9	49.38 (½)	22.6 (½)	282 24	Bem. [1]
131	70.72	9.3(:)	49.48:(½)	20.7:(½)	77 38	3 F.
139	74	9.3	49.34 (½)	22.8 (½)	282 24	etw. uns.
141	75	9.0	49.40	21.9	282 26	
149	80	9.2	49.41	21.2	77 38	
47	69.94	8	18 9.61	16 23 7.8	278 52	
51	95	h. 8-9	9.59	7.3 (½)	81 8	
40	69.78	s. 7	18 20.66	15 37 51.9	278 8	
50	95	7	20.69	52.3	81 54	
48	69.94	9-10	18 26.78	18 16 13.9	280 46	
133	70.72	9.2	26.86	16.0	79 16	
153	85	9.1	26.87	13.4	79 16	
141	70.75	8.6	18 30.02	15 31 3.3	278 2	
143	75	8.6	30.08	1.9	82 0	
47	69.94	s. 8	18 32.92	16 15 46.5	278 46	
148	70.79	[wie s.9]	33.12	44.7	81 16	
149	80	8.2	32.90	46.6	81 16	
131	70.72	9.0	18 34.60	19 38 40.9	77 54	
138	74	8.6	34.71	41.4	282 8	
141	70.75	9.1	18 37.28	16 19 53.2	278 50	
152	82	9.2	37.15	53.6	81 12	
48	69.94	8	18 43.97	18 13 48.5	280 44	
133	70.72	7.4	43.87	48.3	79 18	
153	85	8.1	43.99	48.8	79 18	
48	69.94	9‥s.9	18 44.29	18 35 36.2	281 4	
151	70.81	9.2	44.31	34.8 (½)	78 56	
141	70.75	9.1	18 45.02	16 43 40.2 (½)	279 14	
152	82	9.1	45.01	41.0	80 48	
131	70.72	9.5(:)	18 49.64::(½)	19 49 22.1::(½)	77 42	
138	74	9.3	49.52	24.3	282 20	
143	75	9.5	49.56	23.1	77 42	
39	69.77	h. 10	18 —	19 16 54.6	281 46	zl. sicher
139	70.74	9.4	50.10	54.8	281 48	
152	82	9.4	50.16 (½)	54.3	78 16	α nicht gut
53	69.97	8	18 51.83	17 7 48.1	80 24	
139	70.74	8.2	51.76 (½)	49.0	279 38	2 F.
142	75	8.2	51.69 (½)	49.5 (½)	279 38	
50	69.95	h. 9	19 4.25	15 38 11.8	81 54	
142	70.75	8.5	4.29 (½)	11.1 (½)	278 8	
49	69.95	s. 9	19 12.82	16 8 52.3	278 38	
51	95	s. 9	12.83	51.0	81 22	
133	70.72	8.9	19 13.17	19 27 8.8	78 4	
138	74	8.6	13.19	8.9	281 58	
153	85	8.5	13.26	9.4	78 6	
39	69.77	8-9	19 —	19 30 5.2	282 0	
49	95	8-9‥s.8-9	34.09	4.5	282 0	
133	70.72	8.6	34.07	4.8	78 2	
152	82	8.5	34.09	5.6	78 2	
46	69.92	7-8 *	19 38.93	17 48 33.3	280 18	* red. 7.0 [2]
53	97	6	38.82	31.6	79 44	
47	69.94	9	19 39.27	16 3 26.8	278 34	
143	70.75	9.0	39.25	25.9	81 28	
40	69.78	9-10	19 42.12	15 24 18.5	277 54	
148	70.79	k. sichtb.	[42.2 ±]	[16 ±]	82 8	
149	80	9.3	42.09	18.3 (½)	82 8	
152	70.82	9.3	19 55.55	19 32 13.4	78 0	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22^h			
46	69.92	(9-10) *	$20^m 7^s.86$::(½)	17° 24′ 44″.6::(½)	279° 54′	3 F. — * red. 9.0 [2]
49	95	9	7.81	45.7	279 54	
148	70.79	8.6 zfl.	8.02	46.9	80 8	
47	69.94	8-9	20 21.73	16 50 9.4	279 20	
51	95	s.8-9‥h.9	21.64	8.7	80 42	
40	69.78	s. 9	20 24.63	15 12 5.8	277 42	
50	95	s. 9	24.51	5.4	82 20	
39	69.77	h. 8-9	20 —	19 39 37.2	282 10	
R.22	82	8.3	30.01 (0.3)	39.0 (½)	282 10	3 F.
131	70.72	8.5	30.28	36.8	77 52	
139	74	8.3	30.27	35.5	282 10	
138	70.74	9.2	20 44.53	17 56 49.4	280 28	
143	75	9.0	44.49	48.8	79 36	
141	70.75	9.1 zfl. *	20 45.42 (½)	16 32 4.0 (½)	279 2	* nicht heller z. [sch.
143	75	8.5	45.39	3.3	81 0	
39	69.77	s. 9	20 —	19 19 36.5 (½)	281 50	
131	70.72	8.8	48.25	36.3	78 12	
138	74	9.0	48.29	34.9	281 50	
51	69.95	s.8-9‥h.9	20 52.85	16 53 16.5	80 38	
139	70.74	8.9	52.86	16.8	279 24	
40	69.78	9	20 56.56	15 52 34.1	278 22	
50	95	9‥s.9	56.46	33.4	81 40	
47	69.94	8-9	21 12.85	16 26 31.8	278 56	
51	95	s. 8-9	12.85	32.1	81 6	
40	69.78	9-10	21 41.44	15 52 4.0	278 22	
50	95	9-10	41.23	3.1	81 40	
48	69.94	s. 9	21 42.24	18 44 54.7	281 14	
133	70.72	9.2	42.19	56.0	78 48	
152	82	9.1	42.20	55.7	78 48	
49	69.95	s. 9	21 43.04	19 59 23.8	282 28	
131	70.72	9.1	43.08	24.4	77 32	
48	69.94	h. 9	21 47.14	18 28 21.5	280 58	
133	70.72	9.0	47.13	20.6	79 4	
152	82	9.1	47.13	20.1	79 4	
49	69.95	9	21 49.44	20 2 19.9	282 32	
131	70.72	9.0	49.50	20.4	77 30	
39	69.77	s. 9	21 —	19 14 44.3	281 44	
138	70.74	9.1	57.00	42.5	281 44	
143	75	8.9	57.03	42.5	78 18	
46	69.92	h. 8-9 *	22 7.62	16 37 36.2	279 8	* red. 7.8 [2]
51	95	s. 7-8	7.65	34.6	80 54	
131	70.72	9.4	22 9.16	19 29 52.1	78 2	
138	74	9.3	9.04	51.5	282 0	
131	70.72	9.3	22 9.34	19 30 7.0	78 2	
138	74	9.3	9.04	5.0	282 0	
48	69.94	h.9‥s.8-9	22 9.31	18 48 34.9	281 18	
133	70.72	8.8, 9 *	9.41	36.0	78 44	* 2 unabh. Sch.
152	82	8.7	9.40	36.0	78 44	
48	69.94	9	22 15.66	18 43 41.0	281 14	
133	70.72	9, 9.0 *	15.75	42.2	78 48	* 2 unabh. Sch.
152	82	9.2	15.64	42.3	78 48	
131	70.72	9.3	22 15.91 (½)	19 30 11.3	78 2	2 F.
138	74	9.5	15.68 (½)	12.7	282 0	2 F.
40	69.78	h. 9-10	22 26.96	15 28 46.9	277 58	
50	95	h. 9-10	26.83	45.7	82 4	
49	69.95	9-10	22 43.86	17 34 50.8	280 4	
148	70.79	9.7	44.00	49.7	79 58	
47	69.94	s. 8-9	22 44.87	16 29 40.8	279 0	
51	95	h.9‥s.8-9	44.81	40.2	81 2	

[1] Dpl. 30″ a. pr., Com. $9^m.4$ [2] In Z. 46 zu schwach geschätzt (Dunst)

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Flexstr.	Bemerkungen
			22h			
51	69.77	9	23m [illegible]	19° 30' [illegible]	282° [illegible]	
R.22	82	8.7	23.37	[illegible]	282 [illegible]	
131	70.72	9	23.28	51.4	78 2	
138	74	9.2	23.32	50.9	282 [illegible]	N [illegible]
142	75	9	23.20	42.2	282 [illegible]	
154	87	9	23.38	40.8	282 2	
155	88	9	23.37	40.0	282 2	[illegible]
48	69.74	9-10	23 28 [illegible]	18 26 44.0	280 [illegible]	
133	70.72	9.4	28 [illegible]	42.0	79 [illegible]	
143	75	9.3	28.18	43.1	79 [illegible]	
152	82	9.1	28.23	43.1	79 [illegible]	
47	69.04	9.0	23 38.75	16 13 59.3	278 41	
143	70.75	9.1	37.97	58.5	81 18	
50	69.77	8.9-9	23	19 41 26.0	282 [illegible]	
49	95	8.9-9	42.19	26.3	282 [illegible]	
131	70.72	8.9	42.20	26.1	77 [illegible]	
50	69.77	9	23	19 40 10.5	282 10	
49	95	9-9.0	52.37	10.6	282 10	
131	70.72	9.1	52.43	10.4	77 [illegible]	
47	69.04	8-9	23 55.70	16 14 9.7	278 41	
143	70.75	8.8	55.57	8.9	81 18	
49	69.05	8-9	23 56.10	16 20 27.2	278 50	[illegible]
51	95	8-9	56.11	25.3	81 6	
47	69.04	9.0	24 17.12	16 15 2.7	278 44	
143	70.75	9.2	17.15	2.6	81 18	
138	70.74	6.3	24 18.47	20 12 12.0	282 [illegible]	
139	74	6.2	18.43	12.8	282 [illegible]	
149	80	6.1	18.50	12.4	77 30	
40	69.78	h. 8-9	24 25.0	15 22 42.1	277 52	
50	95	h. 8-9	25.02	41.4	82 10	
46	69.92	9	24 31.95	17 20 54.7	280 [illegible]	[illegible]
133	70.72	8.5	31.84	55.2	80 2	
152	82	8.6	31.94	55.2	80 2	
46	69.92[1]	9.9	24 38.77	17 20 1.7	279 50	roth [illegible]
48	94	8.9	38.75	0.8	279 50	
133	70.72	8.9	38.74	1.4	80 12	17 4757 9m
152	82	9.0	38.87	1.0	80 12	
40	69.78	h. 8	25 2.54	15 12 30.0	277 [illegible]	
50	95	h. 8	2.52	30.0	82 20	
47	69.04	9-10	25 28.50	16 52 33.8	279 [illegible]	
51	95	9.9	28.53	33.5	80 40	
40	69.78	h. 8	26 2.80	15 10 50.1	277 [illegible]	
50	95	h. 8	2.70	50.0	82 [illegible]	
48	69.04	[illegible]	26 6.95	17 52 31.6	280 22	[illegible]
133	70.72	9.3	7.05	32.0	79 [illegible]	
149	80	9.2	7.10	32.7	79 [illegible]	[illegible]
152	82	9.4	7.04	32.7	79 [illegible]	N.
49	69.95	8.9	26 7.08	17 16 50.1	279 40	
53	97	9	7.13	48.6	80 10	3 F
49	69.05	[illegible]	26 25.50	18 58 47.4	281 28	
133	70.72	7.3	25.53	46.9	78 34	
152	82	7.3	25.54	48.5	78 34	
47	69.04	8-9	26 25.65	17 2 13.0	279 32	
51	95	8.9	25.65	13.1	80 30	
39	69.77	9	26	19 41 52.1	282 10	
R.22	82	8.8	27.70	51.8	282 12	
131	70.72	9.0	27.77	50.3	77 50	
138	74	9.3	27.60	50.8	282 12	
139	70.74	6.2	26 33.08	19 35 10.3	282 6	
143	75	6.4	33.10	9.7	77 55	

[1] Zwei ∗ — 10m 30' ± v. 1/5 S. [2] In Z. 40 Dunst, zu schw. gesch.

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Flexstr.	Bemerkungen
			22h			
131	70.72	9.1	26m 34.02s	19° 21' 30.5"	78° 20'	
138	74	9.3	34.00	31.0	281 52	
40	69.78	7.7	26 40.30	15 13 12.0	277 42	
50	95	7	40.30	10.6	82 18	
131	70.72	9.1	26 42.63	19 50 47.8	77 47	
138	74	9.2	42.64	48.0	281 22	
51	69.97	9	27 7.91	16 56 35.2	80 36	Z. 47 [illegible]
143	70.74	9.1	7.88	36.4	279 26	16 47 [illegible]
47	69.92	9.9	27 8.48	17 8 30.8	279 38	roth [illegible]
143	70.75	9.1	8.50	30.0	80 24	
47	69.04	8.9	27 9.55	16 53 30.1	279 24	Z. 149 [illegible]
49	69.05	h. 9-10	27 14.22	16 0 57.1	278 30	2 F
40	69.78	8.8	27 22.04	15 17 30.1	277 48	
50	95	8	22.57	39.9	82 14	
49	69.95	9	27 23.05	16 0 28.6	278 31	
50	95	[illegible]	23.05	27.4	81 32	
139	70.74	9.1	27 43.91	17 12 41.7	279 42	
143	75	9.2	43.79	42.4	80 20	
R.22	69.82	8.7	27 53.28	19 51 49.5	282 22	
131	70.72	8.9	53.25	47.9	77 40	
138	74	8.8	53.21	47.4	282 [illegible]	
48	69.04	8.9	27 55.52	19 1 9.5	281 30	
133	70.72	9.0	55.40	10.1	78 32	
152	82	8.8	55.58	10.9	78 32	
40	69.78	9.0	27 59.75	15 22 50.2	277 52	
143	70.75	9.0	59.68	48.5	82 10	
47	69.04	8-7-8	28 12.70	16 30 32.1	279 0	
51	95	8-h. 8	12.57	32.6	81 2	
48	69.04	8.9	28 20.90	17 44 22.7	280 14	
53	97	9.0	20.94	23.1	79 48	
49	69.05	h. 7-8	28 25.50	15 3 16.9	277 32	
50	95	h. 8	25.47	16.2	82 28	
40	69.78	8.9	28 26.00	15 24 58.7	277 54	
143	70.75	8.8	26.72	59.0	82 8	
39	69.77	8	28 40.14	19 19 55.5	281 50	
131	70.72	8.3	40.06	54.3	78 12	
143	75	8.3	40.15	54.9	78 12	
48	69.04	8.9	28 50.25	17 34 30.7	280 4	eilig
53	97	8.9	50.18	30.8	79 58	
49	69.04	h. 9	28 54.93	16 2 6.3	278 32	
50	95	h. 9	55.04	7.0	81 30	
152	70.82	9	55.08	4.9	81 30	Z. 152. 9m
39	69.77	8.9	28 57.20	19 36 9.8	282 6	
131	70.72	9.1	57.08	9.7	77 56	
152	82	9.1	57.07	10.1	77 56	
131	70.72	8.4	29 6.13	20 2 58.1	77 30	
138	74	8.5	6.10	3 0.3	282 34	
39	69.77	8.9	29 7.20	19 20 43.7	281 50	
131	70.72	9.2	7.05	44.3	78 12	
47	69.04	9-10	29 8.61	16 2 22.3	278 32	
133	70.72	9.3	8.58	21.7	81 30	
152	82	9.3	8.63	22.4	81 30	
47	69.04	h. 9-10	29 34.17	16 40 39.4	279 10	
51	95	h. 9-10	34.16	38.0	80 52	
38	69.04	7.7	29 44.99	19 4 12.8	281 34	
133	70.72	7.5	44.98	14.3	78 28	
152	82	7.4	44.98	14.1	78 28	
53	69.97	6.7	29 47.90	19 37 53.7	77 54	
138	70.74	6.4	47.97	53.3	282 8	s. unr.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
R.22	69.82	8.9	29m54s.24 (½)	19° 25′ 35″.2 (½)	*281° 56′	
49	95	9	54.11	33.2	281 56	
131	70.72	9.1	54.11	34.7	78 6	
40	69.78	s.9..h.9-10	30 12.84	16 19 23.0	278 48	
51	95	...[1]	12.84 (½)	24.2	81 12	3 F.
39	69.77	h. 10	30 [29.80::]	19 7 [49.9::]	281 38	3 F.
131	70.72	9.3	29.52	50.1	78 24	
138	74	9.4	29.50 (½)	49.7	281 38	3 F.
142	75	9.1	29.61 (⅔)	48.2 (⅔)	281 38	
48	69.94	9	30 44.99	18 57 10.2	281 26	
133	70.72	9.1	—	8.0	78 34	
143	75	9.2	45.01	9.8	78 30	
47	69.94	9..s.9	30 57.31	16 31 48.7	279 2	
51	95	h.9-10..s.9	57.40	48.4	81 0	
46	69.92	s. 8[*]	31 4.41	16 38 5.8	279 8	* red. 7.5 Dunst
47	94	8	4.45	5.4	279 8	
51	95	h. 8	4.46	5.0	80 54	
40	69.78	s. 9	31 8.85	15 22 25.1	277 52	
50	95	s. 9	8.71	23.7	82 10	
39	69.77	s. 9	31 14.93	18 29 56.4	281 0	
133	70.72	8.8	14.97	55.4	79 2	
151	81	8.8	15.02 (⅔)	54.0 (2)	79 2	
154	87	8.2	14.97	—	281 —	
133	70.72	9.3	31 17.63	18 29 37.9	79 2	
151	81	9.3	17.60 (⅔)	38.7 (⅔)	79 2	
154	87	9.2	17.64	—	281 —	
40	69.78	9-10	31 21.96:(½)	15 27 50.0:(½)	277 58	
50	95	s. s. 9	22.02 (½)	52.7	82 4	3 F.
138	70.74	9.3	21.95	52.8	277 58	
49	69.95	h. 9	32 4.17	17 10 17.4	279 40	
143	70.75	9.4	4.07	16.0	80 22	
48	69.94	6-7	32 49.71	18 52 32.9	281 22	
133	70.72	4.5	—	34.4	78 40	
149	80	5.5	49.72	33.9	78 40	
47	69.94	8	32 50.29	16 26 44.4	278 56	
51	95	h. 8	50.31	44.6	81 6	
48	69.94	9	32 53.76	18 10 57.0	280 40	
53	97	h. 9	53.78	55.8	79 22	
143	70.75	9.5	32 55.08::	16 7 56.7::	81 24	Z. 147: 9m.1
49	69.95	9	32 57.01	16 48 26.0	279 18	
133	70.72	9.1	—	23.5	80 44	
143	75	9.1	57.01	24.8	80 44	
49	69.95	s. 9-10	33 2.86 (½)	16 8 56.6	278 38	3 F. — [2]
147	70.79	9.3	2.91	59.3	81 22	16° 47″86 9m.1
39	69.77	9-10	33 6.84	19 34 34.3	282 4	
151	70.72	8.9	6.83	32.5	77 58	
40	69.78	s. 9	33 7.23	15 59 50.7	278 30	
50	95	9-10	7.09	50.8	81 32	
49	69.95	h. 9-10	33 10.31	16 18 47.8	278 48	
39	69.77	h. 9-10	33 24.42	19 19 26.0	281 48	
131	70.72	9.0	24.38	26.6	78 12	
48	69.94	s. 6	33 43.79	19 1 50.6	281 32	
133	70.72	6.0	—	52.3	78 30	
149	80	7.0	43.68	51.4	78 30	
47	69.94	h. 9	33 53.15 (½)	16 31 26.3 (½)	279 0	
50	95	9	53.19	26.0	81 0	
R.22	69.82	9.0	33 57.36 (0.4)	19 11 40.7 (½)	281 42	
131	70.72	9.0	57.18	40.0	78 20	
138	74	9.0	57.19	40.0	281 42	
			22h			
49	69.95	s. 9	34m 8s.11	16° 54′ 51″.2	279° 24′	
51	95	9-10	7.90 (½)	50.3:(½)	80 38	3 F., schl. st.
138	70.74	9.1	8.06	50.6	279 26	
51	69.95	s. 8-9	34 8.20	16 19 46.4	81 12	
138	70.74	8.8	8.17	45.0	278 50	
40	69.78	s. 9	34 16.51	16 14 36.0	278 44	
143	70.75	9.0	16.64	36.9	81 18	
141	70.75	8.1	34 22.88	18 48 48.5	281 20	
147	79	8.3	22.78	49.4	78 44	
131	70.72	7.5	34 27.29	19 23 25.7	78 8	
139	74	7.5	27.26	25.9	281 54	
131	70.72	8.8	34 36.98	19 25 44.2	78 6	
139	74	8.9	36.97	42.6	281 56	
141	70.75	8.5	34 42.15	18 46 45.3	281 18	
151	81	9.1	42.13	45.3	78 46	
133	70.72	9.2	34 —	19 2 30.1	78 30	
141	75	9.2 gr.zfl	43.97	28.3 (½)	281 34	
149	80	9.1	44.04	29.2	78 30	
142	70.75	8.0	34 50.15	20 10 16.2	282 40	
149	80	8.1	50.18	15.6 (½)	77 22	
141	70.75	8.5	34 51.58	18 34 12.7	281 4	
151	81	8.6	51.60	13.9	78 58	
131	70.72	9.3	35 5.79	19 20 52.3	78 12	
139	74	9.2	5.64	50.4	281 52	
50	69.95	s. 8-9	35 13.34	15 28 33.2	82 4	
142	70.75	8.3	13.25	35.2	277 58	
142	70.75	9.1	35 20.08	18 3 26.8	280 34	
143	75	9.1	20.11	27.1	79 30	
51	69.95	s. 9	35 20.33	17 16 4.4	80 16	
142	70.75	9.0	20.31	3.3	279 46	
49	69.95	h. 9	35 55.95	15 56 49.0	278 26	
50	95	s. 9	56.00	49.1	81 36	
R.22	69.82	9.0	36 1.80 (0.4)	19 34 2.9 (½)	282 4	
131	70.72	9.2	1.72	1.2	77 58	
139	74	9.1	1.72	2.4	282 4	
48	69.94	s. 9	36 24.30	18 12 36.6	280 42	
133	70.72	9.0	—	34.9	79 20	
147	79	9.2	24.28	36.7	79 20	
142	70.75	9.1	36 31.25	19 42 55.5	282 14	
148	79	9.0	31.24	54.3	77 50	
155	88	9.2	31.36 (½)	55.4 (½)	282 14	
138	70.74	8.0	36 31.71	18 7 29.0	280 38	
143	75	7.9	31.71	29.2	79 26	
48	69.94	h. 9	36 39.80	18 15 35.2	280 46	
133	70.72	8.9	—	33.9	79 16	
147	79	8.8	39.80	34.8	79 16	
131	70.72	9.1	36 55.31	19 51 48.8	77 40	
139	74	9.1	55.37 (½)	49.7 (½)	282 22	nicht gut
154	87	9.2	55.28	49.2	282 22	
40	69.78	h. 9-10	36 55.48	15 51 0.7	278 20	
149	70.80	9.5	55.39	0.8	81 42	
139	70.74	9.1	36 56.52	20 14 32.9	282 44	
149	80	9.2	56.56	32.1	77 18	
R.22	69.82	8.6	36 56.88 (0.4)	19 18 1.7 (½)	*281 48	
131	70.72	8.5	56.82	1.5	78 14	
154	87	8.2	56.66	1.7	281 48	
51	69.95	8-9	37 0.81	17 49 57.8	79 42	
154	70.87	8.7	0.77	57.4	280 20	
49	69.95	9-10	37 3.90 (½)	15 58 —	278 —	3 F.
50	95	s. 9-10	3.74	33.1	81 34	
142	70.75	9.3	3.79	31.3	278 28	

[1] 9-10..h. 9-10 [2] Z. 143: 9m.5

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
141	70.75	8.6	37m 8s.99	15° 37′ 25″.1	278° 8′	
149	80	8.2	8.86	25.6	81 56	
47	69.94	h. 8-9	37 11.13 (2)	16 35 53.5 (2)	279 6	
51	95	8	11.14	53.1	80 56	
53	69.97	9	37 18.44	17 41 49.0	79 50	
138	70.74	8.7	18.43	51.2	280 12	
138	70.74	9.3	37 34.55	17 39 55.3 (½)	280 10	
149	80	9.3	34.58	56.4	79 52	
139	70.74	9.3	37 41.41	17 10 32.9	279 40	
143	75	9.3 gz. zfl.	41.46	34.5	80 22	
49	69.95	7-8	37 41.77	15 52 58.4	278 22	
50	95	8-7	41.75	58.6	81 40	
40	69.78	s. 9	38 0.12	15 51 1.4	278 20	
50	95	9-10	0.13	1.5	81 42	
48	69.94	9	38 6.83	19 0 47.3	281 30	
133	70.72	9.1	6.79	47.5 (½)	78 32	
152	82	9.3	6.74	47.9	78 32	
53	69.97	s. 9 (k. s.)	38 34.56	17 15 7.4	80 18	
139	70.74	9.2	34.38	7.8	279 46	
39	69.77	9	38 42.93	19 40 41.2	282 10	
131	70.72	9.1	42.98 (½)	41.2 (½)	77 52	
47	69.94	h. 9	38 44.81	16 41 19.4	279 10	
51	95	9 .. s. 9	44.95	18.9	80 50	
53	69.97	s. 8-9	38 48.15	17 22 29.2 (½)	80 10	
138	70.74	8.3	48.10	28.8	279 52	
142	75	8.0	48.01	29.6	279 52	
48	69.94	9	38 56.67	19 1 7.8	281 30	18°5043 9m
133	70.72	9.0	56.81	8.7	78 32	
152	82	9.2	56.62 (½)	7.8 (½)	78 32	» 9.2
133	70.72	9.2	39 6.58	18 59 8.6	78 34	
154	87	9.1	6.59	10.2	281 30	
49	69.95	8	39 11.85	16 21 42.1	278 52	
51	95	h. 8-9	11.82	41.9	81 10	
40	69.78	9	39 17.77	15 27 57.2 (½)	277 58	
50	95	9-10	17.68	55.9	82 4	
141	70.75	7.0	39 23.41	18 42 28.5	281 12	
149	80	6.0	23.32	28.1	78 50	
141	70.75	9.0	39 27.04	18 11 19.8	280 42	
147	79	. . . *	27.10	18.8	79 22	* [wie 9.5. W.]
148	79	9.1 W.?	27.08	19.2	79 22	
139	70.74	8.6	39 29.97	18 36 22.7	281 6	
143	75	8.5	29.97	22.3	78 56	
40	69.78	s. 9	39 30.41	15 4 5.0	277 34	
147	70.79	wie 9.3	30.42	7.0	82 28	
49	69.95	h. 9	39 36.19	17 6 13.6	279 36	
51	95	s. 9	36.12	13.3	80 26	
142	70.75	9.0	36.12	12.8	279 36	
139	70.74	7.5	39 52.78	18 35 33.8	281 6	spl. (Felds. hell)
143	75	7.3:	52.82	33.9	78 56	
133	70.72	9.5	40 24.66	19 4 28.1	78 28	
142	75	9.3	24.33: (½)	27.6: (½)	281 34	
149	80	9.5	24.42 (½)	25.6 (½)	78 28	etw. uns.
151	81	9.4	24.36	28.2	78 28	
154	87	9.6	24.40 (½)	27.4	281 34	3 F.
141	70.75	9.0	40 44.63 (½)	18 21 54.9 (½)	280 52	
151	81	8.6	44.65	56.4	79 10	
47	69.94	h. 8	40 55.00	16 34 31.7	279 4	
51	95	7-8	54.95	31.9	80 58	
131	70.72	9.2	40 58.04	19 9 33.4	78 22	
142	75	9.1	57.98	34.5	281 40	
152	82	9.3	58.01 (½)	34.4 (½)	78 24	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
138	70.74	8.8	41m 4s.84	17° 43′ 21″.7	280° 14′	
151	81	8.8	4.99	22.4	79 48	
49	69.95	h. 8	41 16.58	17 9 36.7	279 38	
51	95	8	16.48	37.6	80 22	
50	69.95	s. 9-10	41 26.06	15 29 17.8	82 2	Fäd. st. schl.
142	70.75	9.3	41 29.17	18 39 44.0	281 10	
148	79	9.4	29.11	42.6	78 54	
141	70.75	9.3	41 31.16	19 23 29.0	281 54	
147	79	9.3	31.13	27.9	78 8	
40	69.78	s. 9	41 34.82	15 30 0.7	278 0	
50	95	9-10	34.79	29 58.6	82 2	
39	69.77	h. 9	41 42.60	19 57 28.7	282 26	
147	70.79	9.0	42.69	29.1	77 34	
49	69.95	s. 9	42 11.81	17 12 42.4	279 42	
53	97	s. 9	11.87	40.9	80 20	
131	70.72	9.1	42 16.04	19 8 0.3	78 24	18°5052 9.m2
139	74	9.1	16.02	7 59.3	281 38	» 9.1
40	69.78	8-9	42 22.33	15 50 54.8	278 20	
143	70.75	9.0	22.31	56.8	81 42	
49	69.95	h. 9	42 25.57	17 20 48.5	279 56	
53	97	s. 8-9	25.63	47.0	80 6	
131	70.72	8.9	42 44.57	19 31 16.3 (½)	78 2	
138	74	9.0	44.49	16.0	282 2	
133	70.72	8.3 zfl.	42 45.74	18 12 35.1	79 20	
141	75	7.9	45.58	33.9	280 42	
152	82	[8.5::]	45.84 (½)	31.9 (½)	79 20	3 F.; Wolk
131	70.72	9.0	42 48.99	20 7 17.4 (½)	77 26	
154	87	8.8	48.94	17.2	282 38	
142	70.75	8.4	42 48.98	17 52 14.8	280 22	
148	79	8.7	48.97	15.6	79 40	
142	70.75	8.4	42 59.68 (½)	17 23 17.2 (½)	279 54	
149	80	8.6	59.71	16.3	80 10	
148	70.79	9.4	43 1.77	17 34 55.5	79 58	∂ etw. uns.
151	81	9.3	1.79 (½)	53.7 (½)	79 58	
154	87	9.3	1.79	53.7 (½)	280 6	
40	69.78	8	43 16.94	15 41 37.2	278 10	
50	95	8	16.97	38.1	81 50	
47	69.94	s. 8-9 .. h. 9	43 25.89	16 7 0.3	278 36	
51	95	8-9	25.99	0.0	81 24	
53	69.97	8-9	43 31.54	17 49 44.9	79 42	
142	70.75	8.4	31.55	46.0	280 20	
133	70.72	9.4	43 38.09: (½)	19 4 52.6: (½)	78 28	Bel. e. z. hell
141	75	9.4	38.01	53.6	281 34	zl. sicher
143	75	9.5	37.88	52.6	78 28	
133	70.72	9.5	43 45.11	19 5 42.1	78 26	Z. 143: 0.m5
141	75	9.4	45.10	41.5	281 36	zl. sicher
152	82	9.5	[45.2 ±]	[41 ±]	78 26	
141	70.75	8.3	44 0.04	18 6 52.3	280 38	
149	80	8.7 zfl.	0.04	51.8	79 26	
53	69.97	h. 9	44 6.56	17 30 8.1	80 2	
142	70.75	8.6	6.54	10.4 (½)	280 0	
138	70.74	9.0	44 15.37	19 39 11.8	282 10	
147	79	9.1	15.39	11.4	77 54	
139	70.74	9.3	44 27.45	20 12 41.1	282 42	
149	80	9.2	27.57	40.2	77 20	
154	87	9.1	27.62	41.6 (½)	282 42	
53	69.97	7	44 32.13	18 28 47.8	79 4	
141	70.75	7.0	32.20 (½)	47.6 (½)	280 59	
47	69.94	h. 8	44 44.08	17 20 23.0	279 50	
51	95	8 .. h. 8	44.05	24.0 (½)	80 12	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
40	69.78	8-9	46m 6s.12	18° 49′ 20″.0	281° 18′	
53	97	9	6.21	19.1	78 42	
48	69.94	s. 8-9	46 —	19 24 16.6	281 54	
49	95	s. 8-9	7.27	16.6	281 54	
131	70.72	(9.1)	7.23	16.2	78 8	
133	72	8.8	7.32	16.4	78 8	
147	79	8.5	7.26	16.5	78 8	
40	69.78	h. 8-9	46 7.55	15 38 36.4	278 8	
50	95	s. 8-9	7.60	34.9	81 54	
131	70.72	(9.3)	46 10.31 (½)	19 47 38.7 (½)	77 45	
133	72	9.1	10.40	38.5 (½)	77 44	
138	74	9.0	10.26	40.2	282 18	
147	79	9.0	10.33	38.9	77 44	
50	69.95	7-8	46 11.52	15 13 12.3	82 18	
139	70.74	7.5	11.46	11.9	277 44	
R.22	69.82	9.0	46 41.12 (0.3)	19 28 30.5 (½)	*281 58	3 F.
133	70.72	9.0	41.28	30.6 (½)	78 4	
138	74	9.0	41.14	29.2	281 58	
142	75	8.7	41.18 (½)	30.0 (½)	281 59	
148	79	8.8	41.20 (½)	31.3 (½)	78 4	
47	69.94	s. 8-9	46 42.83	16 50 36.0	279 20	
51	95	h.9 .. s.8-9	42.80	39.1	80 42	
53	69.97	s. 8-9	46 45.43	17 32 2.0	80 0	
139	70.74	9.2	45.33	2.7	280 2	
47	69.94	h. 7	46 53.23	16 10 43.2	278 40	
51	95	6	53.21	42.4 (½)	81 22	
49	69.95	8-9	47 1.00	15 30 44.1	278 20	
50	95	s.8 .. 8	0.94	43.9	81 40	
138	70.74	8.1	0.89	42.8	278 20	
40	69.78	h. 8	47 14.53	15 4 44.1	277 34	
143	70.75	8.8*	14.48	44.1	82 28	* nicht heller
139	70.74	8.9	47 48.22	19 10 56.3	281 40	
147	79	9.0	48.25	55.9	78 22	
48	69.94	h. 8-9 .. s.8	47 —	19 2 55.3	281 32	
49	95	s. 8-9	55.53	55.3	281 32	
143	70.75	8.4	55.45	56.1	78 30	
48	69.94	8	47 —	18 55 57.6	281 26	
49	95	h. 8	57.24	58.3	281 26	
143	70.75	7.9	57.21	57.0	78 36	
139	70.74	7.2	48 1.43	19 13 55.9	281 44	
143	75	7.0	1.46	56.8 (½)	78 18	
53	69.97	h. 7-8	48 9.39	17 7 51.7	80 24	
141	70.75	7.1	9.36	51.5	279 38	
40	69.78	s. 9	48 13.25	15 19 59.2	277 50	
50	95	s. 9	13.31	58.5	82 12	
141	70.75	8.8	48 14.77	19 49 17.8	282 20	
147	79	9.2	14.72	16.2	77 44	
47	69.94	7-8	48 25.99	16 16 36.7	278 46	
51	95	7	25.97 (½)	37.7	81 16	
141	70.75	8.3	48 30.19	19 40 7.4	282 10	
147	79	9.0	30.28	7.9	77 52	
40	69.78	s. 8	48 37.05	15 38 39.3	278 8	
50	95	h.8-9 .. s.8	37.04	38.9	81 54	
48	69.94	h. 8	48 —	18 53 42.9	281 24	
49	95	7-8	54.00	41.9	281 24	
148	70.79	7.4	53.96 (½)	42.2 (½)	78 38	
142	70.75	9.1	48 55.90	14 59 59.7	277 30	
148	79	9.3	55.84 (½)	58.8 (½)	82 32	
47	69.94	s. 8	49 21.96	17 7 52.9	279 38	
53	97	h. 8	21.95	52.3	80 24	
			22h			
53	69.97	h. 8	49m 25s.50	17° 31′ 47″.4	80° 0′	
142	70.75	7.3	25.49	48.5	280 2	
40	69.78	8	49 31.68	15 6 43.3	277 36	
50	95	h. 8-9	31.68	43.7	82 26	
48	69.94	s. 8	49 —	18 12 34.1 (½)	280 42	
49	95	8	32.18	33.7	280 42	
147	70.79	8.0	32.19	33.3	79 20	
51	69.95	s. 9	49 53.25	17 5 0.9	80 28	
142	70.75	9.2	53.09	0.1	279 36	
47	69.94	h. 9	50 12.40	16 47 33.1	279 16	
51	95	9	12.37	31.8	80 44	
R.22	69.82	9.1	50 22.49 (0.4)	19 10 42.8 (½)	281 40	
141	70.75	9.1	22.42	44.0	281 40	
143	75	9.1	22.46	42.4	78 22	
40	69.78	8	50 33.92	15 53 47.5	278 24	
50	95	8-9	33.93	46.9	81 38	
47	69.94	8-9	51 1.89	16 51 39.7	279 20	
51	95	8	1.84	39.9	80 40	
53	69.97	9	51 13.02	17 0 37.6	80 30	
142	70.75	9.1	12.88	39.2	279 30	
48	69.94	9	51 —	18 41 36.1	281 12	
49	95	9	13.08	35.9	281 10	
143	70.75	9.0	13.10	35.6	78 50	
47	69.94	9	51 14.08	16 31 5.5 (½)	279 0	
147	70.79	9.2	14.04	6.7	81 2	
141	70.75	8.2	51 16.81	19 17 42.8	281 48	
142	75	8.2	16.70	42.4	281 48	
147	79	8.6	16.73	42.8	78 14	
141	70.75	5.0	51 19.51	20 5 57.2 (½)	282 36	
147	79	5.5:	19.43	55.2	77 26	s. unr.
48	69.94	9-10	51 —	18 38 42.5 (½)	281 8	
49	95	s. s. 9	25.13	42.7	281 8	
143	70.75	9.3	25.11	40.9	78 54	Bel. zu hell
142	70.75	8.6	51 28.40 (½)	18 16 13.8	280 46	3 F.
143	75	9.2	28.47	13.8	79 16	
142	70.75	8.3	51 29.58	18 20 13.9	280 50	
143	75	8.7	29.65	13.6	79 12	
40	69.78	s. 8-9	51 41.24	15 9 56.7	277 40	
50	95	h.9 .. s.8-9	41.15	56.3	82 22	
53	69.97	s. 9	51 42.50 (½)	17 20 56.5 (½)	80 12	etw. uns.
154	70.87	9.3 sic	42.46	57.5	279 52	
49	69.95	s. 9	51 55.83 (½)	18 54 0.0	281 24	3 F.
148	70.79	9.3	55.76	1.0	78 38	
48	69.94	s. 9-10	51 —	18 11 28.2	280 40	
141	70.75	7.5	52 1.27	20 4 28.7 (½)	282 36	
147	79	8.3	1.30	28.8	77 28	
47	69.94	9	52 3.30	16 40 33.6	279 10	
51	95	9	3.26	35.4 (½)	80 52	
53	69.97	9	52 28.53 (½)	17 43 17.6 (½)	79 48	etw. uns.
154	70.87	8.7	28.50	16.2	280 14	
40	69.78	s. 8-9	52 40.79	15 6 52.2	277 36	
50	95	h. 9	40.94	51.1	82 26	
47	69.94	9	52 41.05	16 23 17.6	278 52	
51	95	9	41.12	18.1	81 8	
R.22	69.82	9.4	52 43.73 (0.4)	19 56 21.6 (½)	282 26	
141	70.75	9.5	43.68	21.8	282 26	ziemlich
147	79	10	43.66	23.8	77 36	
148	79	9.6	43.78	22.2	77 36	
142	70.75	7.9	53 1.22	18 30 14.3	281 0	
143	75	8.2	1.21	14.0	79 2	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
141	70.75	8.6	53m 2s.04	18° 39′ 57″.4	281° 10′	
143	75	8.8	1.92	58.6	78 52	
53	69.97	s.9	53 4.48:(½)	17 16 13.5:(½)	80 16	
154	70.87	9.2	4.42 (½)	13.8 (½)	279 46	
48	69.94	s.9	53 —	18 10 11.1	280 40	
49	95	9	7.40	11.3	280 40	
148	70.79	[wie 9.3]	7.46	10.7	79 22	
149	80	9.0	7.39	10.0	79 22	
151	81	9.2 zfl.	7.32	10.2	79 22	
50	69.95	s.9	53 20.14	15 51 5.2	81 42	
154	70.87	9.0	20.20	4.1	278 22	
49	69.95	9-10	53 26.14	18 8 25.1	280 38	
148	70.79	wie 9.6	26.12 (½)	23.9 (½)	79 24	etw. uns.
151	81	9.3 zfl.	26.20	24.0	79 24	
149	70.80	8.8 sic	53 35.05	19 57 5.5	77 36	
154	87	8.5 sic	34.99	4.0	282 28	
47	69.94	9-10	53 51.88:(½)	16 43 24.0 (½)	279 14	
51	95	s.9	52.01	23.8	80 48	
48	69.94	9-10	54 —	18 44 2.6	281 14	
49	95	9-10	21.09	2.6	281 14	
143	70.75	9.5	21.19	3.6	78 48	gut
40	69.78	h.8	54 38.77	15 0 24.4	277 30	
148	70.79	8.2	38.79	25.3	82 32	
51	69.95	9-10	54 49.40	17 4 42.4	80 28	
142	70.75	9.4	49.36	42.3	279 34	9m.4 3s v. 2′ N.
R.22	69.82	8.8	55 7.88 (0.4)	19 37 46.9 (½)	*282 8	
141	70.75	9.1	7.77	46.8	282 8	
147	79	8.8	7.73	47.2	77 54	
40	69.78	8-9 .. s.8-9	55 13.85	15 43 36.6	278 14	
50	95	s.8-9	13.80	35.8	81 48	
48	69.94	8-9	55 —	18 36 2.1	281 6	
49	95	h.8-9	22.75	2.8	281 6	
143	70.75	8.4	22.74	2.4	78 56	
53	69.97	s.9	55 24.16	18 0 47.0	79 32	
154	70.87	8.9	24.00	47.9 (½)	280 32	
50	69.95	8	55 31.74	15 17 0.8	82 14	
154	70.87	8.0	31.75	16 59.7	277 48	
142	70.75	8.6	55 37.13	18 54 33.1	281 24	
147	79	9.0	37.25	32.0	78 38	
142	70.75	9.1	55 41.30	18 50 40.5	281 20	
147	79	9.1	41.48	41.5	78 42	
141	70.75	7.3	55 45.64	19 10 1.3	281 40	
148	79	7.3	45.70	0.6	78 22	
47	69.94	9-10*	55 50.93	16 37 56.2	279 8	* neblig?
51	95	9-10	51.05	57.0	80 54	
148	70.79	8.5	55 55.73 (½)	18 8 25.6 (½)	79 24	
154	87	8.2	55.74	25.3	280 38	
142	70.75	9.3	55 55.61	18 54 5.0	281 24	Bem.[1]
147	79	9.2	55.91	6.2	78 38	dpl.??
141	70.75	8.2	55 57.47	19 41 4.5	282 12	
149	80	7.8	57.44	3.2	77 52	
47	69.94	s.8-9	55 58.73	17 0 27.7	279 30	
51	95	s.8-9	58.68	26.7 (½)	80 32	
147	70.79	9.5	56 1.38	18 55 4.0	78 38	
53	69.97	8	56 1.57	17 51 47.2	79 40	
155	70.88	8.2	1.63	49.5	280 22	
48	69.94	8	56 —	19 0 53.8	281 30	
49	95	8	12.17	53.9	281 30	
143	70.75	7.9	12.15	53.8	78 32	

[1] ziemlich sicher doppelt, 6″ 220°±, Mitte beob. (Im 8f. Refr. 1894 Dec. 17 einfach)

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
149	70.80	8.2	56m 13s.29	17° 56′ 15″.5	79° 36′	
155	88	8.9	13.32	14.8	280 26	
40	69.78	9 .. h.9	56 20.00	15 10 27.3	277 40	
50	95	8-9	19.97	26.3	82 22	
151	70.81	7.0	56 23.43	15 33 35.4	81 58	
157	89	7.5	23.43	35.3	278 4	
48	69.94	s.9	56 —	19 1 32.6	281 30	
49	95	s.9	30.44	32.1	281 30	
148	70.79	9.2	30.49	33.1	78 30	
143	70.75	8.0	56 33.74	18 10 19.6	79 22	
154	87	8.2	33.65	19.9	280 40	
47	69.94	h.9	56 36.26	16 18 13.1	278 48	
51	95	h.9 .. s.8-9	36.22	13.3	81 14	
53	69.97	h.8-9	56 43.03	17 16 7.3	80 16	
155	70.88	8.5	42.86 (½)	7.6 (½)	279 46	
151	70.81	7.5	56 46.70	15 47 8.4	81 44	s. unr. u. zfl.
157	89	8.2	46.70	6.9	278 18	
143	70.75	8.0	56 48.64	18 8 34.2	79 24	
154	87	8.2	48.58	35.3	280 38	
148	70.79	6.5	56 58.16	20 14 50.9	77 18	schwkd.
158	89	(wie 8*)	58.17	49.1	282 46	* zerfl.
159	90	7.4	58.03	50.1	282 46	
40	69.78	h.8-9	57 5.36	15 20 46.9	277 50	
149	70.80	8.0	5.39	48.3	82 12	
149	70.80	9.1	57 42.16	15 13 58.2	82 18	
157	88	9.5	42.19	59.9:(½)	277 42	
158	89	[wie 10]	[42.41::]	57.1::(½)	277 44	
159	90	9.2	42.18	59.9	277 44	
147	70.79	9.0	57 42.29	17 36 16.4	79 56	
155	88	9.2	42.31	16.4	280 6	
50	69.95	s.8-9 .. h.9	57 43.98	15 12 2.8	82 20	Z.149: 9m.0
157	70.88	9.3	43.99	2.1	277 42	α etw. uns.
158	89	s.9-10	44.03:(½)	3.9:(½)	277 42	
159	90	9.1	44.00	2.6	277 42	
143	70.75	9.1	57 45.65	18 22 14.6	79 10	
154	87	9.1	45.69	13.4	280 52	
151	70.81	9.0	57 58.13	16 34 43.6	80 58	
155	88	8.8	58.19	43.8	279 4	
143	70.75	9.3	58 3.47	18 17 21.6	79 16	
154	87	9.2	3.48 (½)	20.0	280 48	3 F.
151	70.81	9.0 sic	58 12.79	17 12 4.1	80 20	
155	88	8.7	12.84	3.4	279 42	eng. Dpl. 265°
151	70.81	8.9	58 34.80	16 15 48.9	81 16	
157	88	9.0	34.76 (½)	47.2 (½)	278 46	Bem.[2]
158	89	9.3	34.80	48.6	278 46	
159	90	9.0*	34.76	50.1	278 46	* Auss. unr.
151	70.81	8.9	58 40.72	19 6 40.5	78 26	
158	89	9.2	40.80	39.3	281 38	
159	90	9.0 zfl.	40.80	39.1	281 36	
143	70.75	7.3	58 49.26	17 57 25.2	79 36	
154	87	7.5	49.24	24.3	280 28	
151	70.81	8.5	58 55.21 (½)	15 48 58.6	81 44	2 F.
157	89	9.0	55.28	57.2	278 20	
148	70.79	8.0	58 55.87	16 39 13.4	80 54	
155	88	7.9	55.82	13.0	279 10	
149	70.80	7.0	58 55.92	15 53 46.0	81 38	
157	88	7.3	55.96	46.0	278 24	

[2] etw. uns., zu schwach. Hgl. −s.089 ang.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			22h			
148	70.79	8.4	58m56s.60	20° 10′ 56″.3	77° 22′	
158	89	(wie 9)	56.47	55.4	282 42	
159	90	8.7 zfl.	56.53	56.4	282 42	
143	70.75	8.4	58 59.65	18 0 56.1	79 32	
154	87	8.6 sic	59.69	55.8	280 32	
50	69.95	9	59 13.94	15 31 23.8	82 0	
158	70.89	wie s. 9	13.96	25.2 (½)	278 2	
159	90	wie s. 9	14.03	25.3 (½)	278 2	
142	70.75	9.3	59 20.99	18 32 23.7	281 2	
147	79	9.3	20.97	22.3	79 0	
141	70.75	7.5	59 26.05	19 33 55.8	282 4	
148	79	7.3	26.13	57.0 (½)	77 58	
149	70.80	8.0	59 45.59	17 24 45.9 (½)	80 8	
155	88	7.7	45.68	45.3	279 56	
			23h			
143	70.75	7.2	0 2.98	18 18 55.9 (½)	79 14	
154	87	7.5	2.94	55.9	280 50	eng. Dpl. 175°?
151	70.81	6.0	0 5.41	17 50 26.3 (½)	79 42	
155	88	6.5	5.42	26.4 (½)	280 22	
49	69.95	9	0 12.64	18 34 39.1	281 4	
147	70.79	8.8	12.64	38.5	78 58	9m.1 20°: v. 1′N.
141	70.75	7	0 19.64 (½)	19 14 10.0 (½)	281 44	nicht gut
142	75	7.2	19.57	8.6	281 44	
148	79	6.8	19.56	10.2 (½)	78 18	
40	69.78	9	0 26.97	15 45 25.9	278 14	
147	70.79	9.2	26.95	25.2	81 48	
53	69.97	8	0 52.74	17 17 45.2	80 14	
154	70.87	8.1	52.68	45.1	279 48	
50	69.95	8-9	0 55.29	15 35 45.2	81 56	
157	70.89	9.2	55.46 (½)	45.1 (½)	278 6	zl. gut
40	69.78	h. 9	0 56.47	15 48 9.0	278 18	
50	95	h. 9	56.34 (½)	10.2	81 44	1 F.
40	69.78	9	1 11.54	15 53 37.0	278 24	
50	95	h. 9	11.60	36.2	81 38	
141	70.75	7.0	1 16.32 (½)	19 54 26.0 (½)	282 24	nicht gut
142	75	7.1	16.28	26.7	282 24	
147	79	7.3	16.23	25.9	77 38	
51	69.95	h. 9-10	1 38.32	16 41 34.5	80 50	
155	70.88	9.4	38.30	37.0	279 12	
51	69.95	8-9	1 41.72	16 19 0.4	81 12	
155	70.88	8.8	41.74	0.3 (½)	278 50	
49	69.95	h. 9-10	1 50.07	18 16 9.6	280 46	
143	70.75	9.2	49.82 (½)	9.4	79 16	3 F., etw. uns.
147	70.79	9.1	1 53.12	17 8 56.8	80 24	
154	87	9.2	53.09	57.3	279 40	
51	69.95	8-9 .. h. 8-9	1 56.61	16 9 35.5	81 22	
157	70.89	[wie 8.8]	56.77 (½)	34.4 (½)	278 40	
53	69.97	9	2 30.07	17 16 57.9	80 16	
154	70.87	9.1	29.93	59.5	279 48	
49	69.95	8-9	2 38.79	18 49 56.4	281 20	
143	70.75	8.5	38.69	57.0	78 42	
40	69.77	h. 8-9	2 55.98	17 44 2.2	280 14	
53	97	8-9	56.14	3.5	79 48	
143	70.75	9.3	3 2.51	19 21 42.2	78 10	
154	87	9.3	2.53	41.8	281 52	
53	69.97	7	3 11.36	18 3 33.7	79 28	
155	70.88	7.0	11.40	33.8	280 34	
53	69.97	8-9	3 24.48 (½)	17 41 29.7	79 50	2 F.
154	70.87	9.1	24.50	30.6	280 12	
			23h			
49	69.95	8-9 .. s. 8-9	3m29s.76	18° 54′ 53″.4	281° 24′	
143	70.75	8.6	29.68	53.1	78 38	
51	69.95	9 .. s. 9	3 50.92	16 52 13.4	80 40	
155	70.88	9.4	50.84	12.8	279 22	
40	69.78	h. 9	3 57.58	15 51 23.5	278 20	
50	95	h. 9	57.60	23.1	81 40	
53	69.97	8-9	3 58.44 (½)	16 35 19.5	80 56	1 F.
157	70.89	wie 9.2	58.47 (½)	18.6 (½)	279 6	zl. gut
51	69.95	h. 6	4 30.04	16 55 2.6	80 38	
155	70.88	6.0	30.00 (½)	3.1 (½)	279 26	
49	69.95	h. 9 .. s. 8-9	4 33.61	18 38 40.7	281 8	
143	70.75	8.8	33.54	40.2	78 54	
49	69.95	8-9	4 34.01	18 14 16.6	280 44	
143	70.75	8.4	33.95	16.3	79 18	
51	69.95	9	4 41.48	16 11 44.5	81 20	
154	70.87	9.2	41.41	44.5	278 42	
40	69.78	h. 9	4 43.84	16 7 44.6	278 36	
50	95	h. 9	43.96	42.9	81 24	
49	69.95	9	5 12.29 (½)	17 56 36.2	280 26	3 F.
51	95	9 .. s. 9	12.13	37.2	79 36	
40	69.78	s. 9	5 48.87	15 7 6.2	277 36	
50	95	s. 9	49.03	7.7	82 24	
51	69.95	8-9	6 58.47	19 18 12.1	78 14	
154	70.87	8.2	58.49	12.7	281 48	Com. 9m.1 1″.5 {160°?
53	69.97	9	7 18.98	17 45 37.4	79 46	
154	70.87	9.0	18.90	37.3	280 16	
40	69.78	9	7 20.43	15 39 55.4	278 10	
50	95	9	20.48	56.4	81 52	
49	69.95	9	7 43.16	18 34 31.7	281 4	
143	70.75	9.1	43.17	32.2	78 58	
49	69.95	6-7	7 47.49	18 57 14.6	281 26	
143	70.75	6.7	47.37	13.8	78 36	
40	69.78	9 .. h. 9	7 54.97	15 52 14.0	278 22	
50	95	9	55.06	13.9 (½)	81 40	
51	69.95	s. 9	8 0.85	15 22 1.8	82 10	
155	70.88	9.2	0.90	1.4	277 52	
51	69.95	9-10	8 3.39: (½)	15 28 37.5: (½)	82 4	3 F.
155	70.88	9.4	3.52	35.5	277 58	
49	69.95	s. 7-8	8 4.38	19 5 6.2	281 34	
53	97	h. 8	4.41	5.6	78 28	
53	69.97	s. 8	8 4.69	15 38 51.1	81 54	
155	70.88	8.2	4.77	51.3	278 10	
147	70.79	7.3	8 19.12	19 45 42.4	77 46	s. unr.
154	87	7.2*	19.16	43.3	282 16	* schw. orange
49	69.95	8-9	8 27.09	18 34 59.2	281 4	
143	70.75	8.5	27.00	59.4	78 58	
147	70.79	8.8	8 31.86	20 12 30.1	77 20	
154	87	8.1	31.80	29.8	282 42	
40	69.78	s. 9	8 36.42	15 41 28.5	278 12	
50	95	h. 8-9	36.39	29.3	81 50	
40	69.78	s. 8	8 51.06	15 42 28.7	278 12	
50	95	9	51.03	30.3	81 50	
147	70.79	8.8	8 56.64	19 36 25.9	77 56	
154	87	8.8	56.66	24.9	282 6	
143	70.75	9.3	9 0.20	19 21 57.3	78 10	
154	87	9.2	0.25	57.1	281 52	
53	69.97	h. 9	9 19.09	17 56 44.8	79 36	
155	70.88	8.5	19.11	45.5	280 28	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23^{h}			
49	69.95	8	$9^{m}43^{s}.72$	18° 46′ 40.″1	281° 16′	
143	70.75	8.5	43.75	41.0	78 46	
50	69.95	h. 8	9 54.57	17 34 38.6	79 58	
155	70.88	7.4	54.55	38.2	280 6	
53	69.97	8	10 6.45	17 9 52.7	80 22	
157	70.89	8.5	6.53	52.5	279 40	
51	69.95	9 ‥ s. 9	10 14.29	16 51 48.4	80 40	
157	70.89	9.0	14.42	47.5	279 22	
147	70.79	9.2	10 47.12	16 54 43.4	80 38	
157	89	9.3	47.14	42.3	279 26	
158	89	9.3	47.01	44.3	279 24	ziemlich
51	69.95	8-9	11 0.74 (⅓)	16 46 4.8	80 46	3 F.
157	70.89	8.3	0.68	3.5	279 16	
143	70.75	8.5	11 1.47	19 17 41.8	78 14	
154	87	8.6	1.39	40.6	281 48	
143	70.75	9.2	11 5.76	19 14 24.4	78 18	
147	79	9.2	5.90 (½)	23.0 (½)	78 18	
154	87	9.2	5.94	23.0	281 44	
148	70.79	8.6	11 16.74	16 10 42.6	81 22	
158	89	8.5	16.71 (½)	43.3 (½)	278 40	
40	69.78	h. 8	11 20.69	16 1 6.8	278 30	
50	95	8	20.75	7.9	81 32	
51	69.95	s. 9	11 21.86 (⅓)	16 31 5.7	81 2	3 F.
158	70.89	9.2	21.86	2.1	279 2	
159	90	9.3	21.75	4.3	279 2	
160	90	9.2	21.66	3.5	279 2	
163	96	wie 9.3	21.77	4.1	279 2	
53	69.97	7-8	11 24.41	17 37 24.1	79 54	
155	70.88	6.9	24.35	24.0	280 8	
40	69.78	7-8	11 31.32	15 51 58.4	278 22	
148	70.79	7.7	31.28	59.3	81 40	
53	69.97	s. 8-9	11 41.09	18 1 12.9	79 30	
155	70.88	8.9	41.11	12.2	280 32	Z. 154: $8^{m}.3$
49	69.95	9	11 42.24	18 19 53.4	280 50	
143	70.75	9.2	42.22	53.2	79 12	
51	69.95	9	11 50.47	16 32 15.5	81 0	
158	70.89	9.0	50.47	14.1	279 2	
53	69.97	h. 9	11 51.27	18 2 45.6	79 30	
154	70.87	8.6	51.24	44.9	280 32	Z. 155: $9^{m}.0$
50	69.95	9 ‥ h. 9	11 52.47	15 39 26.7	81 52	
160	70.90	9.1	52.49	26.0	278 10	
163	96	s. 9	52.46 (⅓)	24.5	278 10	3 F.
164	96	9.0	52.47 (⅓)	26.1	278 10	3 F.
166	97	9.0	52.49	26.0	278 10	
148	70.79	9.3	12 2.62	16 45 6.6	80 48	
157	89	9.4	2.62	5.4	279 16	
160	90	9.3	2.52	5.3	279 16	
164	96	9.0	2.54	5.4	279 16	$9^{m}.2$ f. 9^{s} 3′ N.
166	97	9.4	2.56	5.4	279 16	
149	70.80	8.0	12 3.75	16 18 8.2	81 14	
159	90	8.4	3.84	9.4	278 48	
49	69.95	s. 9	12 7.61	19 2 17.6	281 32	
143	70.75	9.3	7.52 (½)	18.6 (½)	78 31	
149	70.80	8.8	12 7.84	17 1 36.6	80 30	
155	88	8.5	7.78	36.4	279 32	
49	69.95	8	12 11.71	18 18 48.9	280 48	
151	70.81	8.0	11.72	49.2	79 14	
147	70.79	9.3	12 19.93	16 50 53.3	80 42	
157	89	wie 9.1	20.17	53.7	279 22	
53	69.97	8	12 33.30	17 57 43.7	79 34	
154	70.87	7.9	33.30	44.6 (½)	280 28	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23^{h}			
40	69.78	9 ‥ h. 9	$12^{m}40^{s}.94$	15° 53′ 38.″2	278° 22′	
50	95	9	40.96	38.4	81 38	
51	69.95	h. 8-9	12 41.12	16 20 16.0	81 12	
159	70.90	8.8	41.12	15.5	278 50	
151	70.81	9.1	13 1.64	16 4 58.4	81 28	
158	89	9.2	1.59 (½)	58.7	278 36	α etw. uns.
159	90	9.2	1.55	58.7	278 36	
160	90	9.1	1.65	58.6	278 36	
163	96	s. 9	1.73	57.1	278 36	
147	70.79	8.0	13 34.50	17 0 1.3	80 32	
148	79	8.0	34.45	0.4	80 32	
155	88	8.4	34.52	0.2	279 30	
148	70.79	9.0	13 39.95	17 2 21.3	80 30	
155	88	9.1	39.90	21.7	279 32	
149	70.80	8.8	13 46.53	19 16 35.1	78 16	
154	87	8.3	46.56	34.9	281 48	
49	69.95	8 ‥ h. 8	13 50.34	18 37 44.3	281 8	
151	70.81	7.8	50.31	43.2	78 54	
160	70.90	9.3	14 15.50	16 54 37.8 (½)	279 24	
163	96	9.2	15.51 (½)	39.3 (½)	279 26	etw. uns.
151	70.81	9.1	14 22.08 (½)	18 50 7.1 (½)	78 43	
154	87	9.2	22.12	8.2	281 20	
143	70.75	7.4	14 27.06	19 9 25.4	78 22	
154	87	7.2	27.05	25.2	281 40	
148	70.79	8.4 (W.?)	14 37.50	16 1 45.0	81 30	
159	90	8.6	37.55	44.4	278 32	
149	70.80	9.4	14 37.93	15 32 30.8	82 0	
160	90	9.3	38.14	30.9	278 2	wenig sicher
163	92	wie 9.2	38.19	29.8	278 4	
164	96	9.3	38.04	29.6	278 4	
166	97	9.3	38.08	29.3	278 4	
147	70.79	7 ä. unr.	14 41.84	16 34 2.4	80 58	
157	89	7.2	41.94	2.1	279 4	
147	70.79	9.5	15 3.86	16 55 20.1	80 38	
164	96	9.4	3.82	22.0	279 26	
166	97	9.5	3.87	20.0	279 26	
148	70.79	9.3	15 5.32	17 25 47.3	80 6	
160	90	9.7	5.44 (⅓)	51.3	279 56	3 F.
163	96	9.3	5.46	47.8	279 56	
164	96	9.4	5.27	48.4	279 56	
166	97	9.3	5.34	47.9	279 56	
143	70.75	9.2	15 10.48	19 26 49.8	78 6	
154	87	8.9	10.60	—	281 —	
158	89	9.2	10.69	47.3	281 56	
51	69.95	s. 9 ‥ h. 9-10	15 20.84	16 23 44.9	81 8	
157	70.89	9.4	20.85	43.4	278 54	
158	89	9.3	20.81	44.7	278 54	
151	70.81	7.2*	15 36.25 (½)	19 57 14.2 (½)	77 35	* röthlich
159	90	7.5	36.21	13.2	282 28	
40	69.78	8-9	15 39.17	15 56 57.6	278 26	
149	70.80	9.0	39.22	59.2	81 36	
49	69.95	h. 8 ‥ s. 7-8	15 58.98	18 43 20.1	281 14	
54	70.00	8	58.90	20.9	78 50	
53	69.97	s. 9	16 7.93	17 54 36.8	79 38	
155	70.88	9.2	7.85	35.6	280 24	
148	70.79	6.0	16 27.12	20 8 39.1	77 24	
159	90	7.0	27.08	38.6	282 38	
149	70.80	9.7	16 30.52	18 1 33.0	79 32	Z. 53: h. 10^{m}
151	81	9.6	30.71	38.3	79 32	» 143: $9^{m}.5$
164	96	9.6	30.62	36.7	280 32	
166	97	9.7	30.56 (½)	38.1 (½)	280 32	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23^{h}			
54	70.00	7-8	$16^{m}32^{s}.38$	19° 52′ 26″.2	77° 40′	
159	90	7.2	32.41	26.2	282 22	
51	69.95	h. 9-10	16 35.46	16 18 49.0	81 14	
147	70.79	9.4	35.56	48.1	81 14	
157	89	9.4	35.65 (½)	47.6	278 50	2 F.
158	89	10	35.61:(½)	46.1:(½)	278 50	
160	90	9.3	35.55	47.7	278 50	wenig sicher
164	96	8.8	35.69	48.2	278 50	
166	97	9.1	35.65	48.4	278 50	
53	69.97	8	16 41.71	17 55 26.1	79 36	
155	70.88	8.3	41.73	27.1	280 26	
40	69.78	9*	16 42.33	15 31 6.7	278 0	* nicht heller
50	95	9 - 8.9	42.25	5.9	82 2	
50	69.95	h. 8-9	16 48.64	15 23 12.9	82 10	
157	70.89	[wie 9.0]	48.65	13.3	277 54	
143	70.75	8.9	17 13.13	18 49 38.8	78 42	18°5144 $9^{m}.1$
158	89	9.7	13.21	36.5::(½)	281 20	Bem. [1]
159	90	9.2	13.17	38.5	281 20	18°5144 $9^{m}.2$
164	96	8.8	13.12	38.4	281 20	» 9.0
166	97	8.7	13.16	38.9	281 20	» 9.0
49	69.95	h. 9-10	17 17.46	18 51 47.4	281 22	Bem. [2]
160	70.90	9.4	17.57 (½)	42.3	281 22	3 F. [3]
40	69.78	h. 9-10	17 17.77	15 17 6.1	277 46	
147	70.79	9.3	17.71 (½)	9.1 (½)	82 16	
49	69.95	8.9	17 27.70	18 46 5.3	281 16	
143	70.75	8.5	27.60	4.6	78 46	
54	70.00	s. 8	17 37.02 (½)	19 24 11.4 (½)	78 8	
154	87	8.5	37.00 (½)	12.1 (½)	281 54	
149	70.80	8.2	18 3.58	18 17 47.0	79 14	
155	88	8.0	3.72	47.7	280 48	
149	70.80	9.4	18 11.77	17 25 46.2 (½)	80 6	
155	88	9.5	11.81	47.8	279 56	
147	70.79	9.1	18 59.19	15 15 53.7	82 16	
157	89	9.2	59.24	53.3	277 46	
158	89	9.0	59.28	54.4	277 46	
54	70.00	s.8 (W.?)	19 8.37	15 0 9.9	82 32	
160	90	8.7*	8.42	9.5	277 30	Oc. lief an
163	96	s. 8	8.49	9.7	277 30	
151	70.81	9.2	19 8.94	16 33 30.3	81 0	
152	82	9.1	9.08	28.3	81 0	
159	90	9.4	8.93	30.2	279 4	
160	90	(10)	[8.9 ±]	[27 ±]	279 4	3 F.
164	96	9.1	9.04	29.9	279 4	
166	97	9.2	9.00	28.0	279 4	
151	70.81	9.2:	19 14.82	15 22 2.0	82 10	
157	89	9.5	14.90	1.9::(½)	277 52	
158	89	9.6	14.88	3.7	277 52	
159	90	9.7	14.67	0.5 (½)	277 52	
148	70.79	8.6	19 15.05	16 57 52.7	80 34	
160	90	8.6	15.08	53.8	279 28	
164	96	8.0	14.99	53.0 (½)	279 28	
166	97	8.2	15.10	53.2 (½)	279 28	
54	70.00	9	20 7.64	18 53 36.9	78 38	
155	88	9.1	7.71	37.4	281 24	
51	69.95	8-9	20 13.13	16 49 22.6 (½)	80 44	
158	70.89	8.6	13.26	21.0 (½)	279 20	
143	70.75	—	20 28.79	19 9 12.0	78 24	
154	87	8.9	28.88	12.3	281 40	
147	70.79	9.0	$20^{m}40^{s}.69$	19° 40′ 52″.5	77° 52′	
154	87	9.1	40.79	53.1	282 12	
53	69.97	h. 10	20 45.09 (½)	18 45 44.5 (½)	78 46	Bem. [4]
148	70.79	9.6	45.04	44.4	78 46	
155	88	9.4	45.11	44.5	281 16	
148	70.79	8.7	20 59.22	18 31 36.8	79 0	
155	88	8.5	59.22	37.5	281 2	
166	70.97	9.2	21 4.57	19 5 30.3	281 36	
54	70.00	s. 9	21 9.06 (½)	19 18 34.7::(½)	78 14	3 F.
154	87	9.2	9.04	34.7	281 50	
40	69.78	9 u. 8.9	21 16.40	15 56 7.7	278 26	D. 3ᵃ 190° md.
50	95	9	16.31	7.8	81 36	
40	69.78	8-9	21 19.58	15 56 29.0	278 26	
50	95	8-9	19.56	29.7	81 36	
147	70.79	9.2	21 26.79	19 29 22.8	78 4	
159	90	9.1	26.78	23.0	282 0	
160	90	9.1	26.79	23.0	282 0	ziemlich
164	96	9.0	26.76	22.6	282 0	
143	70.75	9.3	21 27.44	19 7 11.1	78 26	
159	90	9.3	27.58	8.2	281 38	
160	90	9.2	27.51	9.3	281 38	ziemlich
164	96	9.0	27.59	8.5	281 38	
166	97	9.1	27.48	8.6	281 38	
164	70.96	9.4	21 31.35 (½)	19 6 54.5	281 38	3 F.
166	97	9.4	31.42	54.9	281 38	
149	70.80	7.8	21 57.11	17 51 1.4 (½)	79 40	st. schwkd.
155	88	7.6	57.11	2.8	280 22	
143	70.75	9.2	21 57.51	19 19 4.0	78 14	
154	87	9.2	57.59	2.9	281 50	19°5109 $9^{m}.3$
54	70.00	6-7	22 8.51	19 11 52.4	78 20	
159	90	7.0	8.52	53.5	281 42	
149	70.80	9.3	22 8.66	15 22 55.2	82 8	
157	88	[wie 10]	8.60:(½)	55.5:(½)	277 54	
160	90	9.3	8.65	57.2	277 54	ziemlich
164	96	9.2	8.57 (½)	57.1	277 54	3 F.
166	97	9.2	8.63	56.0	277 54	
54	70.00	7 s. unr.	22 45.03	15 19 26.7	82 12	
157	88	[wie 8.5]	45.04	27.1	277 50	
151	70.81	9.0	22 59.67	17 37 56.8	79 54	
155	88	8.9	59.62	57.7	280 8	
148	70.79	8.7(W.?)	23 7.39	16 8 9.1	81 24	
160	90	[wie 9.3]	7.47	10.8	278 38	wenig sicher
164	96	W.	7.46	10.1	278 38	
166	97	8.5	7.47	9.7	278 38	
143	70.75	9.0	23 12.48	17 50 55.6	79 42	
160	90	(9.2)	12.46	57.2	280 22	wenig sicher
164	96	—	12.47 (½)	[55 ±]	280 22	3 F.
166	97	8.9	12.48	57.6	280 22	
40	69.78	9	23 43.63	15 29 44.7	278 0	
147	70.79	9.2	43.70	42.8	82 2	
143	70.75	9.0	23 46.20	17 35 7.0	79 58	
155	88	9.1	46.21	3.9	280 6	
149	70.80	9.5	23 46.54	15 35 30.9	81 58	
151	81	9.5	46.58	31.3	81 56	
159	90	9.6	46.49	33.9	278 6	
166	97	9.3	46.40	32.1	278 6	
55	70.00	8-9	24 14.36	15 52 28.2	81 40	
158	89	s. 8	14.40 (½)	29.2 (½)	278 22	

[1] Z. 49: h. 9^{m}; 160: $9^{m}.3$ [2] Z. 143: $9^{m}.1$; 159: $9^{m}.2$; 164: $9^{m}.0$; 166: $9^{m}.0$ [3] F. 4 und die gleich nachfolgende δ-Einst. offenbar ganz verfehlt, weil der Stern in Wolken gar zu schwach wurde; δ ist ebenso wie F. 4 auszuschliessen

[4] Beob. mit ± bez., aber nur wegen der Schwäche des Sterns, die auch die anderen Beobachtungen unsicher machen musste, deshalb nicht ganz ausgeschlossen

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23^h			
148	70.79	8.7	$24^m33^s.58$	16°51′53″.6	80°40′	
159	90	9.1	33.63	54.3	279 22	
164	96	[=8.5, W.]	33.59	53.6	279 22	
166	97	8.9	33.64	54.7	279 22	
147	70.79	9.1	24 39.65	19 53 27.8	77 38	
154	87	8.9	39.65 (2)	27.5	282 24	
54	70.00	8 s. unr.	24 48.87	18 5 22.8	79 26	
160	90	[wie 9.3]	48.87	24.8	280 36	wen. sicher
164	96	7.5*	48.79	23.9	280 36	* spl.
166	97	7.6*	48.87	24.2	280 36	* wollig. spl.
143	70.75	8.9*	24 49.06	17 36 37.3	79 56	* nicht heller
155	88	9.0	49.06	35.5	280 8	
149	70.80	9.4 W.?	24 59.80	16 17 48.8	81 16	
151	81	9.2	59.74	50.3	81 14	
157	88	[wie 9.7]	59.71::(½)	49.0::(½)	278 48	
158	89	9.5	59.74::(½)	47.3::(½)	278 48	
159	90	9.3	59.58	50.6	278 48	
40	69.78	{ s.9	25 6.05	15 31 55.3	278 2	} Dpl. 12″ 315°
		{ s.8	6.59	48.9	278 2	
54	70.00	s.8	6.50	47.6 (½)	82 0	
148	70.79	8.9	25 15.68	16 13 39.9	81 18	
157	89	9.1	15.71	42.1	278 44	
149	70.80	9.1	25 45.97	20 8 37.5	77 24	
154	87	9.2	46.00	36.4	282 40	
55	70.00	9	25 51.20	15 56 18.9	81 36	
158	89	8.3	51.23	19.8	278 26	15°4840 s.9^m
147	70.79	9.5	25 52.15	17 55 43.5	79 36	
155	88	9.4	52.05	42.1	280 26	
54	70.00	s.9	25 56.28	19 0 53.3	78 32	
158	89	9.2	56.26	55.9	281 30	
159	90	9.2	56.38 (½)	54.6 (½)	281 32	
164	96	wie 9.2	56.26	53.4 (½)	281 32	
166	97	9.0	56.38	54.3	281 32	
55	70.00	8	26 7.03	16 42 53.7	80 50	
157	88	[wie 7.5]	6.99	53.2	279 14	Com. nicht ges.
143	70.75	9.2	26 13.00 (½)	18 8 58.7 (½)	79 24	
155	88	9.3	13.04	57.6	280 40	
147	70.79	7	27 15.10	17 7 38.7	80 24	
155	88	7.2	15.03 (2)	39.3	279 38	
148	70.79	6.8	27 39.38	20 9 4.1	77 24	
154	87	6.5*	39.39	3.8	282 40	* schw. röthl.
55	70.00	—	28 2.51 (½)	18 59 —	78 32	
143	75	9.1	2.56	48.8	78 32	18°5172 9^m.2
154	87	9.3	2.65	47.3	281 30	
151	70.81	9.2	28 6.96	15 35 17.8	81 58	
157	88	9.4	7.01	17.3	278 6	ziemlich
164	96	(9.1)	7.07	18.6	278 6	
166	97	8.9	7.07 (½)	17.9 (½)	278 6	
147	70.79	9.1	28 7.00	17 26 51.8	80 6	
155	88	9.2	7.12	51.9	279 58	
147	70.79	9.2	28 9.15	16 48 36.1	80 44	
157	88	9.4	9.09	37.0	279 20	
158	89	9.3	9.17:(½)	37.2:(½)	279 18	
159	90	9.2	9.09 (½)	37.0 (½)	279 20	
149	70.80	9.2	28 11.98	15 16 39.3	82 16	
158	89	9.4	11.98	37.1	277 46	
159	90	9.4	11.89	41.4	277 46	
166	97	9.1	12.00	39.0	277 48	
149	70.80	9.0	28 36.21	15 11 8.8	82 22	
158	89	9.2	36.31	5.4	277 42	
159	90	9.2	36.31	7.1	277 42	
166	97	8.9	36.30	9.7	277 42	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23^h			
148	70.79	8.0	$28^m47^s.09$	15°47′27″.4	81°46′	
157	89	8.3	47.13	26.9	278 18	
148	70.79	9.1	28 54.27	15 43 53.5	81 48	
157	89	8.9	54.26 (½)	54.1	278 14	3 F.
54	70.00	h.9	29 26.36	19 23 14.4	78 10	
154	87	8.8	26.36	15.4	281 54	
151	70.81	8.8	29 27.03	19 53 37.6	77 40	
154	87	9.0	27.04	37.5	282 24	
147	70.79	9.3	29 34.65	16 48 37.6	80 44	
157	89	9.3	34.62	37.2	279 20	zl. gut
152	70.82	9.2	29 40.04	17 53 55.5	79 38	
155	88	9.1	39.98	55.2	280 24	
149	70.80	8.1	29 41.74	15 0 10.5	82 32	
158	89	8.2	41.85	9.9	277 30	
152	70.82	8.0	29 42.07	17 44 37.9	79 48	
155	88	7.5	42.09	38.3	280 14	
143	70.75	9.3	30 6.61	19 3 45.3	78 28	
154	87	9.4	6.60	44.6	281 34	Bel. zu hell
54	70.00	8	30 10.70	19 58 33.6	77 34	
154	87	7.6	10.73	33.1	282 28	
151	70.81	9.2	30 20.53	17 13 15.4	80 20	
155	88	9.2	20.58	15.3	279 44	
152	70.82	8.8	30 28.24	18 29 32.9 (½)	79 4	
159	90	8.7	28.21	32.1	281 0	
149	70.80	9.2	30 36.38	15 6 38.2	82 26	
158	89	9.2*	36.34	34.0	277 36	* Oc. anlauf.
159	90	9.3	36.48	38.2 (½)	277 38	
166	97	8.6	36.39	37.9	277 38	
148	70.79	9.1	30 43.06	15 50 35.3	81 42	
157	89	8.9	43.08	36.7	278 22	
147	70.79	9.2	30 46.55	16 56 34.0	80 36	
166	97	9.0	46.47	32.6	279 28	
152	70.82	9.2	30 48.39	17 4 57.0	80 28	
166	97	8.8	48.38	56.9	279 36	
143	70.75	8.3:	30 52.15	18 20 40.4	79 12	
159	90	8.6	52.20	40.1	280 50	
148	70.79	9.4	30 59.49	15 51 48.1	81 40	
157	89	9.0	59.28	46.8	278 22	
151	70.81	9.1	31 7.13	17 58 44.8	79 34	
155	88	9.1	7.19	44.7	280 30	
55	70.00	s.9	31 9.78:(½)	19 5 21.1 (½)	78 26	
154	87	9.0	9.82	21.4	281 36	Bel. zu hell
147	70.79	9.3	31 18.65	16 57 5.8	80 36	
157	89	9.3	18.69	6.5	279 28	
149	70.80	6.2	31 19.83	16 8 1.6	81 24	
158	89	7.2	19.90	1.1 (½)	278 38	
148	70.79	7.5	31 38.12	17 42 28.6	79 50	
155	88	6.3	38.10	29.2	280 14	
143	70.75	9.3	31 39.94	18 47 22.9	78 46	
159	90	9.4	40.04	21.6	281 18	
166	97	9.1	40.04	22.6	281 18	
151	70.81	9.2	31 42.82	18 57 46.3	78 34	
154	87	9.3	42.74	46.5	281 28	Bel. zu hell
54	70.00	7-8	31 52.46	19 52 39.2	77 40	
164	96	7 W.	52.51 (½)	39.6 (½)	282 22	
166	97	7.0	52.50	40.5	282 24	
151	70.81	8.0	31 58.13	16 22 18.2	81 10	
158	89	8.3	58.28	19.5	278 52	
147	70.79	8.3	32 3.16	16 54 5.3	80 38	
159	90	8.6	3.28	6.8 (½)	279 24	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23^h			
147	70.79	9.2	$32^m 16^s.10$	16° 58′ 55″.1	80° 34′	
157	89	9.3	16.14	55.3	279 30	
54	70.00	9	32 21.79	19 16 18.5:(½)	78 16	
154	87	9.1	22.05	20.9	281 46	
54	70.00	9	32 22.13	19 19 25.3	78 12	
154	87	—	22.16	25.9	281 50	
55	70.00	s. 8	32 41.48	16 19 20.1	81 12	
158	89	8.6	41.49	20.1	278 50	
149	70.80	9.1	32 46.50 (½)	15 5 42.0 (½)	82 26	
157	88	9.1	46.50	41.4	277 36	zl. gut
54	70.00	8-9	32 57.51 (½)	19 46 14.6	77 46	3 F.
158	89	9.2	57.45	15.8	282 16	sicher
149	70.80	9.2	33 9.88	15 6 17.8 (½)	82 26	
157	88	9.2	9.87	17.2	277 36	zl. gut
55	70.00	9	33 45.65	19 7 14.2	78 26	
154	87	8.9	45.82	13.5	281 38	
55	70.00	8-9	33 56.82	19 1 15.6	78 30	
158	89	9.1	56.93 (½)	16.3 (½)	281 32	
159	90	9.0	56.97 (½)	15.8 (½)	281 32	
151	70.81	7.2	33 57.43	17 31 18.7	80 2	
155	88	7.3	57.34	18.5	280 2	
55	70.00	8-9	33 57.60	19 3 44.7	78 28	Z.159: $8^m.5$
154	87	8.9	57.75	44.1	281 34	Bem.[1]
151	70.81	8.5	34 4.16	17 57 3.3	79 36	
155	88	8.7	4.13	3.2	280 26	
55	70.00	9-10	34 28.43	19 5 —	78 26	
152	82	9.2	28.66	40.6	78 26	
154	87	9.2	28.79	40.3	281 36	
149	70.80	9.1	34 28.75	15 23 28.8	82 10	
157	88	9.1	28.72	28.1	277 54	
151	70.81	8.9	34 30.95	17 36 39.6	79 36	
155	88	9.0	30.93	39.7	280 6	
54	70.00	8-9	34 31.18	19 40 13.7	77 52	
158	89	8.3	31.24	15.2	282 10	
152	70.82	9.2	34 53.08	16 5 41.8	81 26	
157	88	9.3	53.12	44.7	278 36	
157	70.88	9.3	34 54.47	16 5 19.1	278 36	
152	70.82	8.4	34 57.76	18 27 57.8	79 4	
158	89	8.6	57.80	59.1	280 58	
159	90	8.4	57.75	58.9	280 58	
149	70.80	9.2	35 0.42	15 17 14.6	82 16	
159	90	9.3	0.40	16.3 (½)	277 48	
166	97	9.2	0.41 (½)	16.1 (½)	277 48	
149	70.80	9.2	35 34.23	17 46 4.1	79 46	
155	88	9.1	34.13	3.8	280 16	
54	70.00	s. 7-8	35 44.06	19 36 20.0	77 56	
154	87	8.0 u. 8.5	44.07	20.2	282 6	D. 2ˢ 110°: md.
54	70.00	9	36 6.10	19 37 52.4	77 54	
154	87	8.5	6.25	53.0	282 8	
151	70.81	7.1 orge	36 12.02	17 58 27.3	79 34	
155	88	7.2	12.03	27.4	280 28	
151	70.81	9.2	36 13.77	17 2 25.1	80 30	
155	88	9.2	13.71	23.6	279 32	
152	70.82	9.3	36 14.16	17 14 32.0	80 18	
158	89	9.4	14.07	32.2	279 44	zl. gut
159	90	9.4	14.10	33.4	279 44	
166	97	9.1	14.14	31.8	279 46	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23^h			
54	70.00	9	$36^m 17^s.28$	19° 44′ 29″.5	77° 48′	
154	87	8.7	17.36	29.2	282 14	
149	70.80	6.3	36 23.18	15 38 30.8	81 54	
157	88	6.9	23.06	30.0 (½)	278 8	
152	70.82	9.1	36 54.17	17 20 41.6	80 12	
155	88	9.3	54.05	40.4	279 50	δ schwierig
151	70.81	8.7	37 8.44	16 31 59.6 (½)	81 0	
158	89	9.0	8.43	58.7	279 2	
152	70.82	8.7	37 15.51	18 26 14.3	79 6	
159	90	8.8	15.62	14.5	280 56	
55	70.00	s. 8-9	37 17.66	18 59 18.4	78 32	
159	90	8.9	17.75	17.5 (½)	281 30	
166	97	8.6	17.70	18.5	281 30	
54	70.00	s. 9	37 17.85	19 16 12.4	78 16	
154	87	9.0	17.83	12.7	281 46	
149	70.80	9.2	37 19.32	15 12 45.0	82 20	
157	88	9.2	19.37	46.5	277 42	
55	70.00	h. 8	37 39.31	16 49 7.4	80 42	
158	89	8	39.42 (½)	7.2 (½)	279 20	s. unr.
151	70.81	9.2	38 8.10	17 27 1.0 (½)	80 6	
155	88	9.1	8.20	0.2	279 58	
149	70.80	8.5	38 17.75	15 47 19.4	81 46	
157	88	8.4	17.73	18.6	278 18	
151	70.81	9.2	38 24.20	18 38 47.1	78 54	
158	89	9.4	24.18	47.8	281 10	
159	90	9.4	24.15	48.4	281 10	
166	97	9.1	24.25 (½)	48.3 (½)	281 10	
55	70.00	s. 9	39 [2.97::]	16 55 8.9::(½)	80 38	
149	80	9.2	3.24	9.2	80 38	
155	88	9.3	3.32	9.4	279 20	
54	70.00	h. 7	39 9.59	19 43 18.0	77 50	
154	87	7.0	9.61	18.1 (½)	282 14	
151	70.81	8.5	39 32.42	16 27 33.3	81 4	
157	89	8.5	32.43	34.7	278 58	
55	70.00	9-10	39 38.38 (½)	18 59 —	78 32	2 F.
149	80	9.4	38.64	35.9	78 32	
154	87	9.3	38.67	35.5 (½)	281 30	
152	70.82	8.5	39 39.78	18 51 16.0	78 42	
158	89	8.3 gz.all	39.77	15.7	281 22	
151	70.81	8.6	40 1.94	16 27 27.8	81 4	
157	89	8.7	1.98	27.6	278 58	
151	70.81	8.5	40 11.07	16 23 36.1	81 8	obl. 110°?
157	89	8.5	11.24	37.4	278 46	
54	70.00	s. 9	40 22.43:(½)	19 25 37.5:(½)	78 6	
154	87	9.2	22.55	38.2	281 56	
152	70.82	7.8	40 31.91	16 50 5.9	80 42	
155	88	7.4	31.88	6.6	279 20	
55	70.00	9-10	40 35.67::(½)	18 46 39.5::(½)	78 46	
149	80	9.2	35.80	41.9	78 46	
158	89	9.4	35.65	42.4	281 18	
159	90	9.3	35.80	41.5	281 18	
162	92	8.9	35.91 (½)	40.3	281 18	3 F.
163	96	9.1	35.72	40.9 (½)	281 16	
152	70.82	9.2	40 37.52	16 44 15.5	80 48	
155	88	9.1	37.62	16.4	279 14	
152	70.82	8.4	40 47.62	14 57 23.8	82 34	
158	89	8.5*	47.66	21.7	277 28	* Oc. angelauf.
54	70.00	9	40 56.37:(½)	19 8 38.7:(½)	78 24	
154	87	9.2	56.43	39.8	281 38	
54	70.00	s. 9	41 8.95 (½)	19 0 2.1	78 32	3 F.
154	87	9.3	9.06	3.6	281 30	

[1] s. 9^m n. f. (Z. 159: $9^m.4$ f. 3^s: 1′: N.)

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23h			
151	70.81	7.9	41m 11s.59	16°14′38″.9	81°18′	
157	89	7.8	11.63	37.3	278 46	
55	70.00	h.9	41 30.07	16 22 49.9	81 10	
155	88	{ 8.8	30.02	48.0	278 52	}Dpl. 3″.5 178°
		8.7	30.08	52.3	278 52	
55	70.00	s.8-9	41 30.85	16 21 42.6	81 10	
155	88	8.2	30.93	42.3	278 52	
149	70.80	8.8	41 48.39	15 9 36.3	82 22	
157	88	9.0	48.37	36.2	277 40	
149	70.80	8.5	41 51.60	15 14 36.9	82 18	
157	88	8.7	51.66	37.4	277 46	
149	70.80	9.1	42 17.05	15 39 55.9	81 52	
159	90	9.2	17.05	56.4	278 10	
162	92	9.3	16.92	53.1	278 10	etw. uns.
163	96	9.1	17.10 (½)	57.6 (½)	278 10	
151	70.81	8.0	42 18.05	17 48 54.1	79 44	
155	88	8.3	18.06	53.5	280 20	
55	70.00	h.9-10	42 38.53	16 36 22.8 (½)	80 56	
157	88	8.9	38.71	24.9	279 6	
151	70.81	8.7	42 40.47	18 40 40.6	78 52	
158	89	9.1	40.57	39.5	281 12	
159	90	8.6	40.61	41.4	281 10	
152	70.82	8.6	42 45.28	18 33 34.7	78 58	
158	89	9.0	45.16	35.8	281 4	
159	90	8.5	45.30 (½)	36.8 (½)	281 4	
54	70.00	9	43 12.39	19 24 38.8	78 8	
154	87	9.1	12.41 (½)	40.4 (½)	281 54	
151	70.81	9.1	43 25.51	16 10 46.5	81 22	
158	89	9.2	25.42	46.8	278 42	
159	90	9.0	25.43	47.1	278 42	
151	70.81	9.2	43 29.03	16 38 29.5	80 54	
157	89	9.2	29.19	30.7 (½)	279 8	16°4999 9m.2
152	70.82	8.8	43 44.40	18 50 5.9	78 42	
159	90	8.8	44.38	6.0	281 20	
54	70.00	9	43 48.90	18 58 28.4	78 34	
154	87	8.9	48.90	28.5	281 28	
152	70.82	7.8	43 53.48	16 57 5.3	80 36	
155	88	7.9	53.58	5.5	279 28	
152	70.82	7.5	44 8.85	16 54 58.3	80 38	
155	88	7.5	8.90	58.3	279 26	
54	70.00	s.9	44 20.07	19 42 28.5::(½)	77 50	
152	82	9.2	20.08	27.7	77 50	
154	87	9.1	20.05	28.7 (½)	282 12	
149	70.80	9.1	44 25.76	15 30 18.4	82 2	
157	88	9.2	25.68	19.0	278 0	
55	70.00	9-10	44 51.56::(½)	17 39 52.4::(½)	79 52	
151	81	9.0	51.63	55.6	79 52	Bel. e. z. hell
155	88	9.0	51.63	55.8	280 10	
55	70.00	s.9	44 52.83:(½)	15 26 45.2:(½)	82 6	
157	88	9.0	52.89	45.3	277 58	
151	70.81	8.3	45 58.75	19 9 33.7	78 22	
154	87	8.5	58.70	33.9 (½)	281 40	
149	70.80	9.1	46 1.42	15 47 3.2	81 46	
158	89	9.1 gr.zfl.	1.43	2.3 (½)	278 18	
159	90	9.0	1.54	2.4 (½)	278 18	
152	70.82	9.5	46 36.07 (½)	17 2 53.2	80 30	3 F.
155	88	9.4	35.86	53.2	279 34	
			23h			
152	70.82	s.8:*	46m 38s.53	17°12′17″.5	80°20′	* verschwand
153	85	7.5	38.45	17.7	80 20	
155	88	7.0	38.49	18.8 (½)	279 42	
151	70.81	8.0	46 42.15	18 51 37.9	78 40	
159	90	8.5	42.11	38.8 (½)	281 22	
153	70.85	9.0	46 52.05	16 10 23.6	81 22	
157	89	9.0	52.07	22.7	278 40	
151	70.81	8.8	46 57.83	20 11 13.0	77 22	
154	87	8.8	57.91	13.4	282 42	
151	70.81	7.1	47 32.05	17 17 52.4	80 14	
155	88	7.4	32.05	51.8	279 48	
48	69.94	s.9	47 41.41	15 28 39.4	277 58	
149	70.80	9.3 W.	41.09 (½)	37.8	82 4	α etw. uns.
153	85	9.2	41.27	39.1	82 4	
48	69.94	h.8-9	47 44.09	15 12 23.2	277 42	
149	70.80	8.7 gr.zfl.	44.14	22.6	82 20	
152	70.82	[wie 9.3]	48 25.40	18 3 2.8	79 30	ziemlich
153	85	7.8	25.14	5.4	79 30	
155	88	7.3	25.18 (½)	3.9 (½)	280 34	
153	70.85	9.2	48 25.98	19 14 38.1	78 18	δ nicht gut
154	87	9.1	26.13	39.1	281 44	
153	70.85	9.2	48 29.28	18 30 42.2	79 2	
157	89	9.2	29.28	43.9	281 0	
151	70.81	9.1	48 38.51	20 11 20.5	77 22	
154	87	9.1	38.45	20.8	282 42	
54	70.00	s.8-9	48 39.74	19 41 17.9	77 50	
154	87	8.6	39.76	19.0	282 12	
55	70.00	8-9	49 16.61	18 55 53.5	78 36	
157	88	8.9	16.61	52.4 (½)	281 26	
48	69.94	s.8-9	49 39.78 (½)	15 36 41.8 (½)	278 6	
149	70.80	8.9	39.74	42.2	81 56	
54	70.00	s.8-9	49 41.87	19 9 39.2	78 22	
158	89	8.7	41.73 (½)	38.7 (½)	281 40	
159	90	—	41.78 (½)	38.4 (½)	281 40	
54	70.00	s.8	49 57.41	19 30 47.2	78 2	
154	87	8.2	57.49	47.1 (½)	282 2	
55	70.00	h.9-10	51 0.22	16 50 31.1	80 42	Fäd. st. schl.
155	88	9.4	0.30	33.6	279 20	
149	70.80	8.1	51 8.72	17 33 15.8	80 0	
155	88	8.0	8.84	14.7	280 4	
55	70.00	8	51 13.78	19 38 3.4	77 54	
154	87	8.0	13.84	3.9	282 8	
151	70.81	7.8	51 25.37	18 1 3.4	79 32	
155	88	8.4	25.37	3.4	280 32	
48	69.94	s.9	51 35.84	15 15 33.7	277 46	
149	70.80	9.1	35.80	31.7	82 18	
151	70.81	8.0	51 48.06	20 8 23.5	77 24	
154	87	8.5	48.13	21.8	282 38	
55	70.00	h.7-8	51 55.43	18 59 51.5	78 32	
157	88	7.3	55.41	51.2 (½)	281 30	
151	70.81	8.0	51 55.91	18 36 0.0	78 56	
157	89	8.4	55.98	35 59.8	281 6	
48	69.94	h.9	52 29.33	15 8 29.6	277 38	
149	70.80	8.7	29.27	29.6	82 24	
55	70.00	h.8	53 3.76 (½)	19 43 6.3 (½)	77 50	
159	90	8.0	3.82	6.3	282 14	
153	70.85	8.6	53 18.94	18 19 45.4	79 12	
159	90	8.9	18.99	44.4	280 50	

* Nr. 9719: φ Pegasi, Fund.-St.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23^h			
152	70.82	wie 9.5	$53^m 27^s.18$	15° 5′ 10″.5	82° 28′	
153	85	9.3	27.33	13.2	82 26	
157	88	9.2	27.38	12.2	277 36	
152	70.82	[wie 9.3]	53 39.31	16 45 3.7	80 48	
158	89	9.1	39.39	3.2	279 16	
54	70.00	8.9	53 43.91	19 20 50.6	78 12	
154	87	9.2	43.90	51.6	281 52	
151	70.81	9.0	53 51.89	17 16 29.7	80 16	
155	88	9.0	51.96	29.4	279 46	
149	70.80	9.0	54 9.75	15 58 23.0	81 34	15°4919 s.8-9ᵐ
157	88	9.1	9.75	22.6	278 28	» 9ᵐ
155	70.00	9 (W.?)	54 24.79	18 53 18.6	78 40	
158	89	9.0	24.79	19.4	281 24	
159	90	9.3	24.84	19.7 (½)	281 24	
152	70.82	8.5	54 25.14	16 18 11.0	81 14	
158	89	(9.0)	25.13	10.9	278 48	
48	69.94	9..8.9	54 31.11	15 41 57.8	278 12	
53	97	8.9	31.07::(½)	55.3::(½)	81 50	3 F.
151	70.81	8.0	54 32.14	17 10 18.2	80 22	
155	88	8.3	32.07	17.8	279 40	
54	70.00	h. 8-9	54 52.53	19 2 46.8	78 30	
154	87	8.3	52.57	47.6	281 34	
151	70.81	9.3	54 55.41	16 45 31.2	80 48	
155	88	9.2	55.49	31.5	279 16	
55	70.00	s.8	55 22.69	18 3 34.1	79 28	
154	87	8.3	22.72	32.7	280 34	
48	69.94	s.9	55 45.86:(½)	15 30 43.7:(½)	278 2	
149	70.80	9.2	46.00	47.2	82 2	
48	69.94	s.9	56 0.01	15 43 53.5	278 14	
53	97	s.9	0.04 (½)	51.9 (½)	81 48	
48	69.94	h. 7-8	56 8.57	15 33 37.2	278 4	
53	97	h.8	8.48	37.2	81 58	
55	70.00	s.8	56 9.63	17 59 11.8	79 32	
154	87	8.0	9.64 (½)	12.1 (½)	280 30	
54	70.00	8-9	56 11.48	18 8 20.2	79 24	
158	89	8.5	11.49	20.9 (½)	280 38	
159	90	9.2	11.45	21.5 (½)	280 38	
149	70.80	9.1	56 19.60	15 21 10.1	82 12	
157	88	9.2	19.66	11.2	277 52	
149	70.80	9.2	56 22.74 (½)	15 23 53.4 (½)	82 8	
157	88	9.2	22.88	54.6	277 54	
151	70.81	7.0	56 48.61	16 51 28.9	80 42	
157	89	7.0	48.53	30.2	279 22	
54	70.00	8 s. unr.	57 1.10	19 58 30.4	77 34	
154	87	7.5	1.19	31.4 (½)	282 30	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			23^h			
54	70.00	8	$57^m 6^s.08$	18° 41′ 11″.2	78° 52′	
158	89	8.0	6.13 (½)	10.7 (½)	281 12	
159	90	8.8	6.14	12.1 (½)	281 12	
151	70.81	8.4	57 28.59	20 13 54.9 (½)	77 19	
154	87	8.3	28.74	55.3	282 44	
151	70.81	8.4	57 33.97	20 15 32.0 (½)	77 16	
154	87	8.3	33.97	32.0	282 40	
55	70.00	8..h 8-9	57 46.33	16 44 28.9	80 48	
155	88	8.5	46.29 (½)	27.6	279 14	
149	70.80	9.0	58 4.57	15 4 25.0	82 28	
157	88	8.9	4.75	24.3	277 34	
149	70.80	8.4	58 17.60	16 22 27.7	81 10	
157	88	8.6	17.72	27.8	278 52	
54	70.00	s.9	58 31.23	17 26 24.2	80 6	
154	87	9	31.31	24.7	279 56	
55	70.00	8-9	58 32.54	17 43 41.4	79 48	
155	88	8.6	32.50	40.4	280 14	
151	70.81	8.7	58 35.54	16 36 38.9	80 56	
158	89	9.0	35.53 (½)	38.4 (½)	279 6	
159	90	9.3	35.58 (½)	40.9 (½)	279 6	
48	69.94	s.8-9 . 8-9	58 57.04	15 39 25.7	278 10	
53	97	s.8-9	57.01	25.1	81 52	
48	69.94	8-9	58 59.48	15 38 2.0	278 8	
53	97	8-9	59.40	2.3	81 54	
149	70.80	8.5	59 6.84	16 24 16.8	81 8	
157	88	8.7	6.84	17.7	278 54	
149	70.80	8.6	59 17.72	16 9 2.3 (½)	81 24	
157	88	8.5	17.73	0.9	278 40	
151	70.81	{ 8.4	59 19.15	17 8 41.9	80 24	} Dpl. 10″ 145°
		8.5	19.52	34.6	80 24	
155	88	{ 8.4	19.18	41.6	279 40	} » 10 150
		8.5	19.51	34.2	279 40	
154	70.87	9.4	59 26.20	17 32 2.1	280 2	
54	70.00	s.7-8	59 31.30	17 32 39.4 (½)	80 0	
155	88	7.3	31.31	39.2	280 4	
55	70.00	s. 8-9	59 32.23	17 23 7.1	80 8	C. h.9ᵐ 4″ 135°
158	89	8.9 u. 9.2	32.24 (½)	5.2 (½)	279 54	D. 4″ 130° md.
159	90	9.2 gz. vw.	32.21 (½)	6.5	279 54	spl. (pr. od. m.)
161	90	—	32.20:(½)	3.3:(½)	279 54	spl. (pr. beob.?)
162	92	—	32.14.(½)	5.5:(½)	279 54	praec.
		{ ...	32.18	5.6	279 54	med.
163	96	8.5	32.08	6.0	279 54	} D. 3″, 120° ±
		8.7	32.25	5.8	279 54	
48	69.94	s.9	59 33.81	15 56 0.8	278 26	
53	97	s.9	33.98:(½)	0.1:(½)	81 36	
48	69.94	h.8	59 36.32	15 45 21.1 (½)	278 14	
53	97	8	36.28	21.6	81 46	

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			1h			
61	70.07	s.8-9	49m 16s.30	20° 43′ 43″.8	76° 48′	
61	70.07	9-10	50 24.70	20 18 17.9	77 14	
61	70.07	8-9	51 1.13	20 45 31.3	77 40	
61	70.07	s.9	52 30.15	20 53 21.1	76 38	
61	70.07	9..s.9	52 39.12	20 23 58.4	77 8	
61	70.07	6-7:	52 39.49	20 27 2.3	77 4	
61	70.07	s.8	55 31.72	20 45 51.8	76 40	
61	70.07	h.9	56 39.39	20 40 27.5	76 52	
61	70.07	...*	56 59.54	20 55 48.4	76 36	* 9-10 .. s.9-10
61	70.07	h.8-9	57 30.24	20 26 1.6	77 6	
61	70.07	9..s.9	57 43.97 (½)	20 35 24.5 (½)	76 57	
			2h			
61	70.07	h.9-10	2 1.82	21 48 18.2	75 44	Nr. 11a. — 1 F (−0s.36 abw
61	70.07	h.9..s.8-9	2 34.06	21 24 59.4	76 8	
61	70.07	h.8..s.7-8	4 22.38 (½)	20 47 14.3 (½)	76 45	
61	70.07	6-7	5 48.29 (½)	20 37 21.4 (½)	76 55	
61	70.07	6±	8 37.41	24 27 47.6	73 4	
61	70.07	10	9 0.46	24 28 26.2:	73 4	Var. *R* Arietis
61	70.07	9-10	12 52.35	20 54 39.7	76 38	
61	70.07	s.9	13 6.03	20 55 25.4	76 36	
61	70.07	9	13 52.94	20 47 18.2	76 44	
61	70.07	8-9	15 33.43	20 44 30.6	76 48	
63	70.09	h.8	58 21.06 (½)	20 24 54.8	77 8	
63	70.09	8..s.8	59 43.03 (½)	20 22 41.9 (½)	77 9	
			3h			
65	70.10	h.9	2 2.82	20 15 50.7	77 16	
66	70.10	7	2 10.26	20 16 55.8	77 16	Z. 65: s.7m
65	70.10	8-9	5 52.47	20 15 39.6	77 16	
243	74.13	—	12 28.05	26 37 1.4	*70 55	
65	70.10	s.9	12 47.99	11 32 57.7	85 58	
66	10	s.9..h.9-10	47.94	54.0	85 58	
243	74.13	—	21 8.22	22 22 27.2	*75 11	
66	70.10	s.8	23 22.05	12 28 17.1	85 4	
67	10	8-9	22.08	19.1	85 4	zu helle Bel.
242	74.13	—	25 50.28	8 56 —	88 —	
243	13	—	50.21	56.9	*88 35	
69	70.11	9..s.9	36 58.36	23 44 13.0	73 48	
69	70.11	s.8	38 1.09	23 38 31.7	73 52	
69	70.11	8	38 26.43	23 38 49.5	73 52	
229	71.99	8.0	38 48.06	23 48 14.9	73 44	
229	71.99	8.3	38 50.29	23 47 55.7	73 44	
59	70.02	s.8-9	39 50.91	23 44 23.4	73 48	
58	70.02	8-9 W.	39 53.67	23 45 3.4	73 46	
58	70.02	7-8 W.	39 55.32	23 43 41.9	73 48	
69	70.11	s.9	40 41.31	23 45 21.0	73 46	
69	70.11	9	41 8.66	23 47 46.7	73 44	
58	70.02	5	41 45.11	23 45 9.1	73 46	
69	70.11	h.7-8	43 26.50	23 34 54.4	73 58	
242	74.13	—	26.51 (0.6)	—	73 —	
243	13	—	26.44 (0.6)	53.7	*73 57	
			3h			
242	74.13	—	49m 28s.86	22° 6′ —	75° —	
243	13	—	28.94	57″.6 (½)	*75 25′	
243	74.13	—	56 53.22	23 45 35.7 (½)	*73 47	
			4h			
242	74.13	—	5 26.60	22 5 —	75 —	
243	13	—	26.57	23.8 (½)	75 27	
69	70.11	9-10	10 7.56	20 14 46.8	77 16	
242	74.13	—	12 4.14	20 50 —	76 —	
243	13	—	4.07	16.4 (½)	*76 43	
242	74.13	—	15 1.06	13 47 —	83 —	
238	73.16	h.8	34 42.15	22 42 0.5	285 14	
			6h			
72	70.15	h.9	18 31.49	20 10 6.7	282 44	20°1413 s.8-9
190	71.19	9.0	30 17.92	20 12 0.4	77 20	9m.4 f. 4s o.; X.
72	70.15	9	36 57.86	26 15 15.2 (½)	288 50	
73	70.15	8	56 40.75	20 46 39.0	283 24	
192	71.20	8.5	40.71	39.2	76 44	Z.185: 7.[illegible]
74	70.15	s.8	59 49.76	22 53 39.9	285 24	Var. *R* Gemin.
185	71.17	7.1*	49.67	40.7	74 38	* schw. orange
			7h			
234	72.22	s.9	31 56.92	5 32 —	92 —	
190	71.19	8.6	32 —	5 34 15.7	91 50	
193	21	9.1	21.27	15.7 (½)	268 6	
195	21	9.0	21.51	15.4 (½)	268 6	
196	22	9.3	21.37	15.9 (½)	91 56	
233	72.20	8.8	21.38	16.3 (½)	268 6	
234	22	—	21.33 (½)	15.3 (½)	91 56	
192	71.20	9.0	33 8.08	5 33 30.4	91 58	
193	21	9.0	8.26	30.1 (½)	268 6	
195	21	8.8	8.18	29.5 (½)	268 6	
196	22	9.0	8.18	31.4 (½)	91 58	
233	72.20	8.9	8.15	28.7 (½)	268 6	
234	22	—	8.06	30.8 (½)	91 58	
86	70.21	—	33 28.56	5 31 1.8	268 2	nicht getrennt
91	26	—	28.56	1.1 (2)	92 0	D.1″.5 135° md.
92	26	—	28.57 (½)	0.5 (2)	92 1	Dpl. med.[1]
182	71.12	7.8	28.50 (½)	1.5 (2)	268 4	» obl. med.
192	20	—	28.58	0.7	92 0	» med., kleb.
193	21	7.5	28.47	1.6 (½)	268 4	» obl. med.
195	21	8.0 u. 8.3	28.62 (½)	0.9 (2)	268 4	
196	22	s.8-9	28.51	1.1 (2)	92 0	
233	72.20	8.0 u. 8.2	28.51 (½)	1.0 (½)	268 4	klebend
234	22	—	28.51 (½)	0.1 (2)	92 0	
74	70.15	9..s.9	41 47.76	24 2 38.8	286 34	Var. *T* Gemin.
89	25	8.9*	—	37.7	73 28	* 8-9 zu lesen
91	26	9	47.83	37.3 (½)	73 28	
			8h			
191	71.20	wie 9	26 9.12	20 48 50.5 (½)	76 42	
198	22	8.6	9.15	48.6 (½)	283 22	
191	71.20	8	28 30.12	20 45 34.2	76 46	20°2121 9m
198	22	8.4	29.99	34.5 (½)	283 18	
200	27	8.5	30.02	34.7	76 46	
96	70.27	7.9	28 33.38 (½)	20 12 2.9 (½)	77 18	
198	71.22	7.7	33.41	1.8	282 44	
198	71.22	8.0	29 4.35	20 46 20.5 (½)	283 18	
200	27	8.0	4.44	20.0 (½)	76 44	
199	71.26	8.2	30 12.78 (½)	20 55 10.7 (½)	283 28	

[1] getrennt, aber nicht sehr ruhig

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8^h			
198 200	71.22 27	8.6 8.8	$30^m21^s.85$ 21.89	20° 26′ 49″.6 50.3 (½)	283° 0′ 77 4	
96 198	70.27 71.22	7.8 8.0	30 25.68 25.74	20 10 0.4 1.6 (½)	77 20 282 42	
191 199	71.20 26	8 (W.) 7.7	31 10.31 10.32 (½)	20 38 33.5 (½) 32.4 (½)	76 52 283 12	
97 198	70.28 71.22	8.5 7.9	31 26.26 26.08	20 25 33.0 (½) 32.9	77 4 282 58	
97 198	70.28 71.22	8.7 8.3	31 51.86 51.88	20 26 12.3 14.3	77 4 282 58	
191 197	71.20 22	9.2 9.4	31 51.93 51.89	20 9 43.3 44.5	77 20 282 42	
198 200	71.22 27	9.2 9.0	31 53.25 53.35	20 33 15.1 14.6	283 6 76 58	schwkd.
96 197	70.27 71.22	7.5, 7.9* 7.8	31 55.21 (½) 55.22	20 6 51.5 (½) 51.5	77 24 282 40	* 2 unabh. Sch. Bem. [1]
198 200	71.22 27	9.1 8.9	32 21.27 21.29	20 36 26.4 25.0	283 8 76 54	
198 200	71.22 27	7.7 8.0	32 31.06 31.03	20 31 28.5 29.4	283 4 77 0	
96 197	70.27 71.22	7.0 7.3	32 31.59 31.64	20 13 2.4 1.3	77 18 282 46	
198 200	71.22 27	9.0 8.9	32 46.49 46.49	20 35 51.6 52.3	283 8 76 56	20°2156 $9^m.1$
97 199	70.28 71.26	6.5 6.8	32 54.85 54.85	20 26 50.1 50.5	77 4 283 0	Bem. [2]
97 199	70.28 71.26	7.0 7.3	33 0.05 0.04	20 24 39.5 38.5	77 6 282 58	
199 200	71.26 27	9.0 9.0	33 3.94 3.95	20 26 3.1 4.2	282 58 77 6	
96 191 197	70.27 71.20 22	8.2 8.2 8.2	33 9.98 10.10 10.04	20 7 38.1 37.2 38.2	77 22 77 22 282 40	
191 197	71.20 22	7.2 7.2	33 11.42 11.42	20 6 38.5 36.8	77 24 282 40	
198 200	71.22 27	8.6 8.5	33 14.86 14.81	20 37 21.5 (½) 20.8	283 10 76 54	
191 197	71.20 22	9.2 9.2	33 15.53 15.50	20 7 36.8 37.2	77 22 282 40	
96 197	70.27 71.22	7.7 7.7	33 32.44 32.43	20 9 37.7 37.7	77 20 282 42	
199	71.26	8.9	33 45.77	20 22 35.5	282 54	Z.191: 8^m
191 195	71.20 21	9.0 9.0	33 59.79 59.79	20 16 19.9 18.5	77 14 282 50	
198 200	71.22 27	7.0 7.0	34 2.36 2.41	20 55 5.1* 9.0	283 28 76 36	* wohl zu corr. [7″.6
97 191 195	70.28 71.20 21	8.8 8.3 8.4	34 2.71 2.73 2.68	20 21 50.7 (½) 52.0 52.2	77 8 77 8 282 54	Z.199: $8^m.7$
96 199	70.27 71.26	8.5 8.8	34 24.44 24.54	20 6 21.1 20.9	77 24 282 38	
199	71.26	9.2	34 31.98	20 6 13.9	282 38	
96 197 200	70.27 71.21 27	7.3 7.1 7.4	34 39.10 (½) 39.15 39.18	20 19 4.6 4.7 4.3	77 12 282 52 77 12	
191 197	71.20 22	8.3 8.8	34 41.53 41.55	20 36 11.4 (½) 12.1	76 54 283 8	

[1] $9^m.2$ f. 3–4″ 0′.1 N. [2] 20°2155 $9^m.0$, 7″.3 v. (1 F.)

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			8^h			
191 197	71.20 22	9.0 9.2	$35^m10^s.06$ (½) 9.99	20° 37′ 36″.9 35.2	76° 52′ 283 10	Bel. zu hell
199 200	71.26 27	9.3 9.2	37 16.68 16.55	20 24 49.8 50.1	282 58 77 6	Bel. e. z. hell
199 200	71.26 27	9.2 9.2	37 35.42 35.38	20 20 40.9 40.9	282 54 77 10	
			9^h			
97	70.28	—	49 48.41 (½)	9 31 29.0 (2)	87 58	3 F.
			10^h			
201 203	71.27 30	8.2 8.5	1 33.26 33.31	12 36 24.6 (½) 23.6	84 56 275 8	
201	71.27	7.9	5 9.39	20 44 3.3	76 46	
201	71.27	9.3	9 53.52	20 30 52.1	77 0	
201	71.27	6.0	12 55.84	20 6 16.8	77 24	
201	71.27	8.1	13 57.88	20 9 59.5	77 20	
201	71.27	9.0	15 3.91	20 25 24.4	77 6	
201	71.27	8.8	17 5.46	20 13 1.1	77 18	20°2480 $9^m.2$
201	71.27	8.5	20 23.42	20 27 20.2	77 4	
201	71.27	9.6 9.4	21 8.52: 8.88	20 27 50.4: 59.4	77 2 27 2	D. 12″ 210°±
201	71.27	9.2	22 10.61	20 12 56.5	77 18	
201	71.27	8.6	22 28.52	20 12 13.3	77 18	
201	71.27	9.0	26 3.81	20 37 49.4	76 52	
201	71.27	8.9	28 42.39 (½)	20 8 39.0	77 22	
201	71.27	9.0	29 20.30	20 9 59.7	77 20	
201	71.27	8.5	31 1.95 (½)	20 37 29.6 (½)	76 54	
201	71.27	8.0	31 46.80 (½)	20 15 50.5 (½)	77 14	
201	71.27	7.2	37 30.84	20 24 53.1	77 6	
201	71.27	9.0	39 9.07	20 8 57.5	77 22	
201	71.27	9.0	42 14.95	20 27 15.6	77 4	
201	71.27	8.9	45 54.91	20 50 21.3	76 40	
201	71.27	9.2	48 18.43	20 37 13.4	76 54	
201	71.27	9.0	48 56.59	20 39 58.4	76 50	
201	71.27	9.2	49 32.32	20 43 46.4	76 46	
201	71.27	7.0	51 56.39	20 17 29.2	77 14	
201	71.27	9.2	54 37.88	20 5 29.6 (½)	77 26	
201	71.27	9.0	58 35.90	20 50 28.6	76 40	
			11^h			
201	71.27	9.1	0 16.40	20 23 37.2	77 6	
201	71.27	9.1	1 32.51	20 36 2.2	76 54	Bel. zu hell
201	71.27	9.2	2 14.02	20 29 22.2	77 2	
203	71.30	8.8	11 21.28	33 46 19.6 (½)	296 20	
107*	70.35	8.8	26 12.35 (2)	2 1 53.6 (2)	95 26	
201 203	71.27 30	8.6 8.5	31 57.23 57.19	20 47 34.1 32.7	76 42 283 20	
107** 107***	70.35 35	9.2 9.3	32 52.25 52.12 (½)	1 39 44.8 45.7 (½)	95 50 95 50	
201 203	71.27 30	9.3 9.0	33 43.96 43.99	20 49 44.9 45.1	76 40 283 22	
107** 107***	70.35 35	7.9 7.8	33 59.59 59.52 (½)	1 38 40.1 (½) 41.3 (½)	95 50 95 50	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11^h			
107	70.35	9.3	$35^m\ 3^s.46$	1°38' 39".9	95°50'	
107	35	9.2	3.36	40.1	95 50	
201	71.27	8.4	35 4.76 (½)	20 13 26.1 (½)	77 16	
203	30	8.5	4.25	25.0	282 46	
107	70.35	—	35 17.47 (½)	1 41 14.6	95 48	3 F.
107	35	9.2	17.44	16.9	95 48	
107	70.35	9.3	35 43.90	1 42 17.4	95 46	
107	35	9.4	43.91	17.1	95 48	
107	70.35	9.5	37 42.60	1 8 48.9	96 20	
201	71.27	8.5	38 32.92	20 11 38.3 (½)	77 18	
203	30	8.2	32.86	37.9	282 44	
201	21.27	7.7	41 0.09	20 43 37.8	76 48	
203	30	7.5	40 59.98	38.4	283 16	
201	21.27	9.2	41 2.48	20 44 45.6	76 46	
203	30	9.2	2.44	45.5	283 18	
107	70.35	8.9	41 22.72	0 21 47.4	97 8	
202	71.28	9.2	41 57.84	20 4 0.7	77 26	
107	70.35	7.3	42 38.90 (½)	0 22 34.0 (½)	97 6	
205	71.35	9.0	44 23.85	23 37 50.0	73 52	
205	71.35	8.4	44 36.51	23 26 18.0	74 4	
107	70.35	9.1	45 16.43	−1 9 4.9	98 38	
202	71.28	7.8	46 4.67	21 6 13.7	76 24	
205	71.35	8.8	46 5.54	23 24 27.8	74 6	
202	71.28	9.3	46 53.06	21 0 53.9	76 30	
202	71.28	8.9	47 26.77	21 1 56.8	76 28	
202	71.28	8.9	47 32.08	21 11 7.9	76 20	
201	71.27	8.3	48 9.86	20 6 26.9	77 24	
203	30	8.0	9.77 (½)	26.6 (½)	282 40	
201	71.27	8.3	48 12.90	20 7 26.1	77 22	
203	30	8.2	12.79 (½)	27.4 (½)	282 40	
107	70.35	7.8	48 26.80	−0 44 39.7	98 14	
107	70.35	9.7	48 32.30	−1 12 39.2	98 42	
205	71.35	9.0	49 21.62 (½)	23 22 47.7 (½)	74 8	23°2404 $8^m.0$
107	70.35	9.7	50 3.24 (½)	−1 21 30.2 (½)	98 50	
205	71.35	7.6	50 52.64	23 21 21.4	74 10	
205	71.35	8.5	50 53.42	23 40 20.2	73 50	
201	71.27	8.0	51 6.84 (½)	20 40 40.2 (½)	76 50	
202	30	7.9	6.76 (2)	40.3 (2)	283 14	
202	71.28	8.5	51 19.05	22 22 20.0	75 8	
205	71.35	9.0	51 50.79	23 53 6.0	73 38	
202	71.28	7.8	51 52.94	22 28 19.6	75 2	
205	71.35	8.4	52 40.69	24 36 8.3	72 54	
202	71.28	9.0	52 51.48	22 27 22.1	75 4	
201	71.27	9.1	52 59.61 (½)	20 15 14.8 (½)	77 16	
203	30	9.0	59.57 (½)	13.9 (½)	282 48	
205	71.35	9.0	53 32.37	24 38 23.3	72 52	
201	71.27	7.1	53 40.62 (½)	20 6 59.3 (½)	77 24	
203	30	7.5 (W.)	40.59 (½)	58.3 (½)	282 40	
202	71.28	8.8	54 0.21	21 26 37.4	76 4	
205	71.35	9.0	54 44.53	24 31 47.2	72 58	24°2419 $9^m.2$
205	71.35	7.8	54 53.08	24 54 46.4	72 36	
106	70.34	9.0*	55 8.82	6 58 31.5	90 30	* schw., W.
107	35	9.2	8.80	31.5	90 30	
108	36	9.3	8.89 (½)	31.0 (½)	90 30	

Zone	Ep.	Grösse	R.A. 1875	Decl. 1875	Theilstr.	Bemerkungen
			11^h			
207	71.36	wie 7	$55^m 20^s.15$	22°47' 24".2	74°42'	
106	70.34	8.8	55 23.17	6 47 55.3	90 42	$9^m.3$ 1' s.v.
107	35	9.1	23.09	56.1 (½)	90 42	9.3 8"v. 1'S –
108	35	9.2	23.11	56.0 (½)	90 42	
201	71.27	9.2	55 29.16 (½)	20 26 44.5 (½)	77 4	
203	30	9.1	29.02 (½)	44.3 (½)	283 0	
202	71.28	8.9	55 47.95	21 49 21.2	75 42	
202	71.28	9.0	55 56.53	21 29 13.4	76 2	
201	71.27	9.1	56 2.49	20 49 10.3	76 42	
203	30	9.3	2.53	8.9	283 22	
207	71.36	8.5*	56 5.44	22 26 35.8	75 4	* s. unr., Wolk.
205	71.35	9.1	56 30.04	24 52 21.8	72 38	
201	71.27	8.5	57 25.91	20 4 50.1	77 26	20°2675 $9^m.1$
203	30	8.5	25.81	50.1	282 38	
205	71.35	8.0	57 48.56	24 48 55.5	72 42	
205	71.35	8.0:	57 52.14	22 9 17.4	75 22	Begl. des folg.
207	36	8.	52.20 (½)	17.1 (½)	75 22	
205	71.35	7.0:	57 52.42 (½)	22 9 18.6	75 22	
206	36	—	52.50	19.2	75 22	
207	36	7:	52.47	18.8 (½)	75 20	
201	71.27	8.6:	58 31.64	9 24 37.4	88 6	
204	30	8.7	31.62 (½)[1]	36.5 (½)	271 58	
202	71.28	8.6	58 40.59	20 55 13.9	76 36	
201	71.27	9.2	58 46.25	20 15 7.9	77 16	
203	30	8.9	46.11	6.4	282 48	
201	71.27	9.3	58 48.80	20 19 57.7	77 10	
203	30	9.1	48.82	57.9	282 52	
			12^h			
205	71.35	wie 9.3	0 32.05	21 11 19.7	76 20	
207	71.36	9.1	0 38.49	21 46 45.5	75 44	
201	71.27	8.0	0 59.90 (½)	20 2 58.7 (½)	77 28	
203	30	8.0	59.86	57.4	282 36	
205	71.35	wie 8.5	1 6.01 (½)	23 44 16.5 (½)	73 46	
201	71.27	9.3	1 35.01	20 11 53.5 (½)	77 18	
203	30	9.1	35.00 (½)	54.0 (½)	282 44	
207	71.36	9.0	1 40.22	24 23 52.2	73 6	zu schw. Bel.
205	71.35	wie 9.4	1 45.45	22 56 39.3	74 34	ziemlich
207	71.36	9.0 W.	1 46.01	24 35 12.1	72 56	
207	71.36	9.2	2 36.00	22 28 58.7	75 2	
207	71.36	9.1	3 10.47	23 49 6.4	73 42	
205	71.35	wie h.9	3 44.58	24 57 21.9	72 34	
201	71.27	9.2	3 55.08	20 50 38.0	76 40	
203	30	9.0	55.04	37.0 (½)	283 24	
207	71.36	9.1	4 52.23	23 50 33.5 (½)	73 40	
207	71.36	8.4	5 5.35	23 55 27.0	73 34	
207	71.36	8.3	5 40.43	23 47 22.0	73 42	
202	71.28	8.0	6 2.92	20 29 57.8	77 0	
202	71.28	8.3	6 34.68 (½)	21 54 29.7	75 36	
207	71.36	9.2	6 45.29	23 19 53.7	74 10	
207	71.36	9.1*	7 9.69	23 57 27.2	73 32	* s. unr., wohl [Wolk.
207	71.36	8.0	7 23.16	23 34 59.9	73 56	
202	71.28	8.8	7 24.48 (½)	21 59 34.2	75 30	

[1] 6°2540 $9^m.2$

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
207	71.36	7.4	8m 7s.18	24° 21′ 39″.4	73° 8′	
202	71.28	9.0	8 33.36	20 29 12.2	77 0	
202	71.28	8.8	8 53.91	22 56 25.8	74 34	
202	71.28	5.8	10 0.99	24 38 23.9	72 52	
202	71.28	8.7	10 8.61	23 7 21.5 (½)	74 24	
202	71.28	7.8	10 59.97	22 54 13.0	74 36	
202	71.28	9.0	11 25.32	22 51 46.7	74 38	
207	71.36	8.9	11 34.41	23 32 52.3	73 58	
202	71.28	9.0	11 41.62	21 6 54.6	76 24	
207	71.36	8.9	11 48.23	23 0 33.4	74 30	
206	71.36	8.5	11 51.39	23 24 38.7	74 6	
206	71.36	8.3	12 17.15	23 48 54.2	73 42	
207	71.36	9.1	12 23.00 (½)	22 12 25.2 (½)	75 18	
202	71.28	8.8	12 24.66	21 14 16.0	76 16	
201 203	71.27 30	8.5 8.9	12 32.34 32.54	20 40 50.7 50.8	76 50 283 14	
205 206	71.35 36	s. schw. 6.4	13 0.30 (½) 0.28	23 43 42.6::(½) 45.8	73 46 73 46	3 F. –[1]
207	71.36	9.3	13 30.92	24 40 40.8	72 50	
202	71.28	9.1	13 56.47	21 48 11.2	75 42	
202	71.28	9.0	14 14.56	21 51 11.2	75 40	
201 203	71.27 30	8.0 8.1	14 18.85 18.84	20 45 35.2 35.6	76 46 283 18	
206	71.36	{ 8.4 9.2	14 24.12 24.27	23 36 34.1 28.4	73 54 73 54	} Dpl. 8″ 160°
207	71.36	8.6	14 29.11	24 54 38.3	72 36	
207	71.36	9.2	14 31.64	24 47 48.4 (½)	72 42	
~~202~~	~~71.28~~	8.9	15 9.76	22 12 2.2	75 18	
202	71.28	8.0	15 20.29 (½)	22 0 10.9 (½)	75 30	
206	71.36	wie 7.8	15 26.52	22 33 57.8	74 56	
206	71.36	8.4	16 6.64	23 9 28.4	74 20	
201 203	71.27 30	7.8 7.9	16 23.36 (½) 23.36 (½)	20 50 35.9 (½) 35.7 (½)	76 40 283 24	
206	71.36	9.0	16 29.19	23 34 4.7	73 56	
201 203	71.27 30	8.0 7.9	17 2.16 (½) 2.18 (½)	20 21 18.0 (½) 17.4 (½)	77 10 282 54	
202	71.28	9.2	17 11.89 (½)	20 59 12.9 (½)	76 32	
207	71.36	. . .*	17 17.72 (½)	24 7 20.4 (½)	73 24	* Bem.[2]
206	71.36	8.5	17 46.27	24 40 32.2	72 50	
207	71.36	9.3	18 0.78 (½)	24 12 53.5 (½)	73 18	
202	71.28	8.4	18 13.30	22 51 41.4	74 40	
202	71.28	8.1	18 47.05	23 37 25.6	73 54	
206	71.36	6.0*	18 57.72	24 37 13.9	72 54	* orange
206	71.36	8.4	19 5.61	23 55 21.0	73 36	
202	71.28	8.9	19 8.97	21 57 31.7	75 34	
202	71.28	9.2	19 18.38	22 31 49.8	74 58	
206	71.36	8.2 W.	19 22.93	24 2 37.3	73 28	
207	71.36	8.9	20 34.18	23 56 1.0	73 34	
206	~~71.36~~	s. schw.	21 19.01:	24 55 10.4	72 36	Hgl.–s.089 ang.
202	71.28	7.4	21 48.45	21 2 47.2 (½)	76 28	

[1] Hgl. –s.058 ang. Bei δ-Einst. verschwand der Stern

[2] erst = 9m.3, dann 8m.5. Keine Hell.-Gl. angebracht

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12h			
202	71.28	7.5	22m 28s.85	20° 38′ 39″.5	76° 52′	
207	71.36	7.9	23 40.98	25 1 50.4	72 28	
206	71.36	7: W.	24 48.77	24 27 45.4	73 2	
202	71.28	7.8	25 1.98	20 54 53.7	76 36	
207	71.36	8.0	25 18.52	22 16 4.7	75 14	
207	71.36	7.6	25 30.64	23 39 34.4	73 52	
206	71.36	wie 8	25 36.92	23 57 40.2	73 32	
202	71.28	8.0 sic	25 53.88	21 36 34.6	75 54	
201 203	71.27 30	8.7 8.8	26 0.57 0.54	20 41 23.4 24.4	76 50 283 14	
202	71.28	9.2	26 15.46	21 42 28.5	75 44	
206	71.36	wie 8.9	26 23.81	23 57 8.6	73 34	
207	71.36	9.0	26 30.35	23 42 5.7	73 48	
207	71.36	9.1	27 5.90	22 31 31.9	75 0	
202	71.28	7.8	27 11.96	21 7 32.4	76 24	
206	71.36	7: W.	27 20.33	24 58 22.7 (½)	72 32	
201 203	71.27 30	9.0 9.0	27 20.60 20.64	20 47 35.7 36.8	76 42 283 20	
201 203	71.27 30	8.9 9.1	28 5.38 5.40	20 18 35.0 34.6	77 12 282 52	
202	71.28	8.0	28 17.06	21 35 25.2	75 56	
202	71.28	8.9 sic	28 22.94	20 7 2.9 (½)	77 24	
207	71.36	7.7	28 32.85	22 14 16.0	75 16	
207	71.36	9.2	29 41.47	22 57 13.6	74 34	
202	71.28	9.3	30 22.36	20 18 55.7	77 12	
206	71.36	. . .	30 29.77 (½)	24 19 18.4 (½)	73 12	Bem.[3]
202	71.28	7.5	30 33.84	20 55 29.8	76 34	
207	71.36	7.3 W.?	30 56.50	21 53 13.2	75 38	
201 203	71.27 30	9.3 9.3	31 17.31 17.29	20 40 0.1 39 59.5	76 50 283 14	
207	71.36	9.2	31 56.57	24 24 42.5	73 6	
202	71.28	8.9	32 1.28	21 9 11.2	76 20	
207	71.36	9.2	32 19.62	24 31 24.9	73 0	
202	71.28	8.9	32 22.04	21 24 31.4	76 6	
207	71.36	8.1	32 28.77	24 19 21.1	73 12	
206	71.36	~~6.5~~*	32 49.55	23 20 52.4	74 10	* unter Wolk.
206 207	~~71.36~~ 36	. . .* hell	32 54.17 54.12	21 45 1.2 (½) 0.8	75 47 75 46	* Bem.[4]
207	71.36	9.1	33 2.16	21 42 58.5	75 48	
201 203	71.27 30	8.2 8.1	33 7.94 7.88	20 43 8.9 8.5	76 48 283 16	9m.3 4″v. 1′N.
201 202 203	71.27 28 30	8.6 8.4 8.8	33 23.55 23.53 23.52	20 37 13.3 14.7 13.8	76 54 76 54 283 10	
201 203	71.27 30	8.6 8.6	33 41.55 41.56	20 16 20.6 20.3	77 14 282 50	
202	71.28	8.7	33 51.52	21 30 33.4	76 0	
201 203	71.27 30	8.3 wie 9.2 W.	34 12.23 12.19	20 28 6.2 5.2	77 2 283 2	
201 203	71.27 30	8.8 sic 8.5	35 23.00 23.08	20 32 14.6 13.5	76 58 283 6	

[3] zwei unabhängige Beobachtungen: Gr.-Sch. erste: 8.W.; zweite: 9.1

[4] an F. 1–3 hell, dann = 9m.3. Hgl. –s.023 ang.

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			12ʰ			
202	71.28	9.1	36ᵐ18ˢ57	21°32'58"5	75°58'	
202	71.28	8.7	36 39.26	21 2 29.4	76 28	
202	71.28	7.3	38 12.00	22 41 4.8	74 50	
202	71.28	9.2	39 36.21	22 43 26.8	74 48	
202	71.28	9.1	40 10.02	21 52 58.5	75 38	
202	71.28	9.3	40 41.78	20 17 32.9	77 14	
109	70.37	9.2	40 42.65 (½)	20 6 0.7 (½)	77 24	
202	71.28	7.7	42 12.04	21 19 12.1	76 12	9ᵐ3 2'v. 1'N.
109	70.37	8.0	42 47.94	20 21 47.5	77 8	
109	70.37	8.3	42 52.48 (½)	20 21 19.8	77 8	2 F.
202	71.28	8.9	43 3.33	22 27 27.4	75 4	
202	71.28	9.3	44 2.34	20 57 35.2	76 34	
202	71.28	8.8	44 32.14	21 13 1.7	76 18	
109	70.37	8.0	45 51.36	20 51 4.3	76 38	
202	71.28	8.1	51.29	4.9	76 40	
202	71.28	9.3	46 35.55	20 38 34.9	76 52	
202	71.28	7.5	46 53.77	20 17 5.4	77 14	
202	71.28	6.5	47 22.49	20 9 59.1	77 20	
202	71.28	7.4	52 32.70	22 43 38.4	74 48	
202	71.28	8.0 sic	52 44.72	20 13 56.7	77 16	
202	71.28	8.5 sic	54 21.10	20 18 30.4	77 12	
201	71.27	9.3	58 —	20 4 9.5	77 26	20°2787 9ᵐ2
202	28	9.8	3.92 ::	4.8 ::	77 26	D. 10" 230°±
		9.3	4.36	11.0	77 26	
201	71.27	9.3	58 —	20 50 26.8	76 40	
202	28	9.2	—	26.0	76 40	
			13ʰ			
201	71.27	8.0	1 —	20 36 10.8	76 54	
202	28	7.7	47.93	11.0	76 54	
201	71.27	9.2	1 —	20 20 56.6	77 10	
202	28	9.3	50.43	58.7	77 10	
201	71.27	—	2 —	20 47 14.9	76 44	
202	28	9.3	8.99	16.6	76 44	
201	71.27	—	2 —	20 43 7.1	76 48	
202	28	9.2	55.13	8.4	76 48	
201	71.27	8.1	3 —	20 48 3.1	76 42	
202	28	8.0	36.64	3.0	76 42	
201	71.27	9.0	5 —	20 30 0.0	77 0	
202	28	9.0	21.45	1.6	77 0	
201	71.27	8.4	5 —	20 28 51.4	77 2	
202	28	8.3	28.98	51.7	77 2	
110	70.37	9.1	13 26.73	20 39 4.5	76 50	
110	70.37	9.1	14 23.78	20 20 56.7	77 8	
110	70.37	8.6	30 20.66	20 37 50.2	76 52	
110	70.37	9.1	31 3.13	20 29 8.1	77 0	
110	70.37	6.5	34 42.31	20 35 18.7	76 54	
110	70.37	8.0	34 42.73	20 38 48.1	76 50	
110	70.37	9.2	35 26.92 (½)	20 21 13.7 (½)	77 8	
110	70.37	8.3	37 26.69 (½)	20 51 18.0 (½)	76 38	
213	71.39	9.2	52 36.03	20 12 17.8	77 18	
213	71.39	9.0 u. 9.0	53 54.00	20 29 26.7	77 2	D.md., 2"150°:

Zone	Ep.	Grösse	RA. 1875	Decl. 1875	Theilstr.	Bemerkungen
			13ʰ			
214	71.39	9.1	55ᵐ 0ˢ56	20°45'30"6	76°46'	
213	71.39	9.0	56 41.38 (½)	20 23 57.0	77 6	2 F.
213	71.39	8.8	57 28.91	20 28 52.1	77 2	
212	71.39	8.9	59 57.39	20 32 38.0	283 6	
213	39	8.6	57.36	38.3	76 58	
			14ʰ			
213	71.39	8.5	0 53.14	20 42 12.1	76 48	
213	71.39	9.4	1 5.27	20 47 52.1	76 42	Bem.[1]
212	71.39	8.5	1 11.93	20 47 19.7	283 20	
213	39	9.0	11.77	18.6	76 44	
213	71.39	9.0	1 31.75	20 12 2.1	77 18	
214	71.39	9.0	1 38.70	20 31 3.1	77 0	
212	71.39	9.3	2 19.81	20 43 53.6	283 16	
214	39	9.3	19.74 (½)	52.1 (½)	76 46	
214	71.39	7.8	3 54.76	20 19 57.1 (½)	77 10	
211	71.39	9.0	28 27.09	20 47 7.6	283 20	
211	71.39	9.2	30 54.59	20 46 20.5	283 18	
211	71.39	7.5	43 22.62 (½)	20 13 12.6 (½)	282 45	
211	71.39	8.9	44 8.00	20 9 53.7	282 42	
211	71.39	7.2	46 25.35 (2)	20 48 19.8	283 20	
211	71.39	9.0	57 45.40	20 45 15.0	283 18	
211	71.39	9.1	58 5.93	20 35 48.4	283 8	20°3052 9'
			15ʰ			
210	71.38	8.0	2 33.53	21 34 12.1	284 6	" s. unr.
210	71.38	8.8	2 45.22	21 32 57.6	284 6	
210	71.38	8.7	2 59.81	21 19 15.4	283 52	
208	71.38	9.2	4 19.07	20 54 2.0	283 26	
208	71.38	8.7	4 57.82	20 49 29.4	283 22	
210	71.38	8.6	5 29.82	22 42 19.7	285 14	
208	71.38	7.3	5 55.00	20 31 1.6 (½)	283 4	
210	71.38	7.0	6 31.09	22 47 9.8	285 20	
208	71.38	9.2	6 53.96	20 12 12.6	282 44	20°3077 9'
208	71.38	8.5	7 12.45	20 16 44.2	282 48	9ᵐ4 1°v. 3'
211	71.39	8.2	7 19.28 (½)	20 46 41.9	283 18	3 F.
208	71.38	8.0	10 36.04	33 47 —	296 —	
209	38	8.0	36.12	17.4	296 20	
208	71.38	8.5	11 20.24	20 6 36.6	282 38	
208	71.38	8.3	17 0.46 (½)	20 50 51.5 (½)	283 22	
208	71.38	9.3	17 50.43	20 20 22.4	282 52	
208	71.38	9.1	19 1.17	20 23 10.6 (½)	282 56	
212	71.39	8.0	44 59.19	20 43 16.4	283 16	
212	71.39	8.8	46 31.38	20 37 34.7	283 10	
			17ʰ			
227	71.61	8.0	54 25.36 (½)	2 55 38.5 (½)	265 26	
			18ʰ			
225	71.60	8.0	44 12.56	33 10 41.3 (½)	295 42	
228	61	8.4	12.51	42.0 (½)	295 42	
			19ʰ			
142	70.75	7.5	2 21.43 (2)	35 56 6.6 (2)	298 27[2]	(Nr. 373)

[1] Z. 212: 8ᵐ5, vermuthlich stark überschätzt

[2] 2 Abl. von 298°28', 1 von 298°26'

Berichtigungen.

S. 5 Z. 167 st. $0^h23^m7^s.97$ l. besser: $8^s.02$ (4)
» 6 » 54 » 36 18.07 » $18^s.05$
» 7 » 173 » 48 18.98 » 18.96
» 12 » 157 » 1 39 56.13 » 56.15
» 13 » 168 » 50 2.59 (4) wohl besser z. l. $2^s.38$ (4)
» 14 » 157 » 58 52.95 l. $53^s.00$
» 19 » 60 » 2 8 16.16 » 16.23
» 21 » 60 » 29 54.17 » 54.18
» » » 175 29 54.17 » 54.20
» 24 » 232 $4^h\ 0^m48^s$ st. $16°11'39''.6$ l. $40''.1$
» » » » 1 40 » 16 57 31.4 » 31.9
» » » » 2 14 » 16 49 47.1 » 47.7
» » » » 3 49 » 15 37 5.3 » 5.5
» » 3 56 » 16 19 7.3 » 7.5
» » » 4 30 » 16 55 22.1 » 22.4
» » » » 5 21 » 16 57 12.1 » 12.3
» » » » 7 0 » 18 34 27.6 » 27.4
» » » » 7 4 » 19 15 43.2 » 43.7
» » » » 8 4 » 18 18 28.4 » 28.0
» » » » 8 41 » 15 5 10.3 » 10.5
» » » » 9 42 » 15 54 8.8 » 8.3
» 25 10 20 » 16 16 46.4 » 46.3
» » » 10 29 » 16 38 16.3 » 15.9
» » » 12 46 » 16 13 9.8 » 9.9
» » » 14 11 » 17 57 57.9 » 58.6
» » » » 14 30 » 16 48 40.0 » 39.8
» » bei 16^m53^s einzuschalten:
(Z.) 71 (70.) 13 — — (17° 9') $8''.0$ 279° 42'
» » Z. 232 $4^h17^m11^s$ st. $16°47'16''.7$ l. $16''.9$
» » 17 40 » 18 45 9.6 » 9.7
» » » » 18 35 » 18 34 37.8 » 37.5
» 26 » » 19 43 { » 18 50 7.8 » 7.1 / 13.5 » 13.0
» » » » 22 16 » 17 35 11.2 » 11.3
» » » » 23 55 » 19 51 41.0 » 41.5
» » » » 24 43 » 15 34 52.5 » 52.4
» » » » 26 29 » 16 3 27.2 » 27.5
» 27 » 59 st. $4^h28^m24^s.75$ l. $24^s.84$
» » » 232 $4^h29^m32^s$ st. $15°36'44''.3$ l. $44''.1$
» » » » 29 49 » 15 0 19.7 » 19.2
» » » » 31 12 » 15 15 50.1 » 50.6

S. 27 Z. 232 $4^h31^m51^s$ st. $15°19'11''.5$ l. $11''.6$
» » » » 32 44 » 16 16 25.6 » 25.2
» 28 » » 35 45 » 20 0 17.1 » 16.5
» » » » 37 22 » 19 3 25.8 » 25.9
» » » » 38 16 » 19 5 44.6 » 45.0
» » » » 38 30 » 19 3 2.2 » 2.2
» » » » 39 36 » 18 51 4.7 » 4.6
» » » » 41 1 » 18 33 32.8 » 33.1
» » » » 41 23 » 18 29 56.2 » 56.7
» 29 » » 42 17 » 19 20 10.7 » 9.9
» » » » 43 10 » 16 59 7.6 » 7.5
» » » » 46 50 » 16 49 7.7 » 7.6
» » » » 47 32 » 19 45 50.2 » 50.6
» » » » 48 18 » 19 48 37.9 » 37.5
» 30 » » 51 2 » 15 36 10.6 » 9.8
» » » » 51 32 » 15 25 33.3 » 33.5
» » » » 52 34 » 15 43 35.4 » 35.6
» » » » 54 12 » 15 33 27.3 » 27.4
» » » » 54 31 » 19 46 52.6 » 52.2
» » » 185 st. $4^h54^m42^s.17$ l. $42^s.15$
» 34 » 82 » 5 28 44.03 » 44.05
» 35 » 186 » 30 57.31 » 57.30
» » » 81 » 37 7.98 » 8.00
» » » 68 $5^h34^m29^s.32$ zuzusetzen: (½) 3 F.
» » » 80 st. $5^h34^m36^s.91$ l. $36^s.90$
» 38 » 189 » 50 16.07 » 16.98
» 40 » 186 » 57 59.59 » 59.57
» 45 » 86 » 6 21 33.25 » 33.21
» 48 » 189 » 32 43.40 » 43.45
» » » 77 $6^h33^m49^s$ st. $16°37'45''.9$ l. $46''.1$
» 49 » 182 39 20.41 zuzusetzen: (4) 2 F.
» 50 » 86 st. $6^h40^m48^s.58$ l. $58^s.64$
» » » 72 » 43 15.79 » 15.77
» 54 » 181 » 7 0 17.16 » 17.21
» » » 195 » 1 35.43 » 35.46
» 57 » 184 » 14 55.33 » 55.39
» 59 » 233 » 23 10.83 » 10.87
» » » 185 » 25 6.89 » 6.94
» 130 » 241 $17^h\ 2^m25^s$ Zeichen : und Gew. 4 bei δ zu löschen
» 178 » 126 20 54 53 st. $15°34'33''.1$ l. $32''.5$

Zusatz zu den Berichtigungen für Band II.

S. 952: die Grössen der beiden Sterne: Mf. $5^h59^m58^s.45$ und $58^s.45$ sind offenbar vertauscht.

Berichtigungen zu St. XI des Catalogs der Astronomischen Gesellschaft

S. (26) Z. 1 278° 0′ st. -0^s15 l. $+0^s15$; 279° 0′ st. $+0^s15$ l. -0^s15 (beides nur Druckfehler an dieser Stelle)

» (39) } die Bem. zu Z. 160—165 und Z. W. 196—200 sind zu berichtigen; die im Mittel für diese Gruppen gefundenen Correctionen sind nur
» (40) } für Z. 161 u. 165 bez. Z. 196, 202, 205, 206 angewandt, für Z. 160, 162, 163, 164, 200, 201 die in der Tafel aufgeführten speciellen Werthe (Corr. aus allen Sternen)

» (155) Col. Streif. Z. 65 a st. » l. I
b st. » l. A.
66 st. » l. R.
67 a st. » l. I
b st. » l. R.

S. 45 Nr. 2165 Col. B.D.: st. 1302 l. 1303

» 79 » 3859 Var. saec.: st. 0^s0147 $0''295$ l. 0^s0141 $0''293$

» 108 » 5346 Col. Zonen: st. 6 Beob. l. 5 Beob.

» 118 » 5801 A.R. st. 13^h l. 16^h

» 124 » 6141 Col. B.D. st. [18 3306] l. 18 3307

» » » 6143 » » » 18 3307* » — — *

» 129 » 6369 sollte vor Nr. 6366 stehen mit A.R. $17^h32^m54^s78$, Praec. $+2^s6246$ $-2''365$, Var. saec. $+0^s0028$; in Col. Ep. ist das Zeichen * zu löschen und in Col. B.D. [18 3424] zu streichen; Gr. l. 9.2. — Zur Nr. ist * rechts zuzusetzen, und in der letzten Zeile der Seite einzuschalten: **6369** 54^s49 $50''5$ 91.5 (1)

» 141 » 6982 Fussnote [10]: st. 123 α l. 123 δ

» 145 » 7162 Col. Zonen: st. 138 l. 139

» 182 » 9035 Praec. st. 2^s8818 l. 2^s8918

» 183 » 9052 Col. B.D.: [17° 3700] zu streichen

» 193 » 9600 A.R. st. 17^s70 l. 15^s69, Praec. st. $19''825$ l. $19''824$

» 199 st. **3416** l. 3411

» 213 Nr. 827 Gr. BD st. 6.2 l. 6.7

» 220 » 6369 fällt fort

» 229 » 4982 $\Delta\alpha$ st. $+0^s62$ l. $+0^s22$

» 230 Bem. [2] Z. 3 v. u.: st. Nr. 5310 l. Nr. 5610

» 231 » 423 $\Delta\alpha$ st. $+0^s01$ l. $+1^s01$

» 246 H.C. p. 34 23^h 7^m36^s st. 51″? l. 41″?

» 249 Bem. zu Bossert Nr. 187: in Z. 1 l. $11''5$ st. 10″, 10″ st. $8''5$; in Z. 2 l. Nr. 186 st. Nr. 184

» » zur Bem. zu Bossert Nr. 191 ist hinzuzusetzen: auch ZD. ist falsch, 8″ zu klein, die Beobachtung wohl überhaupt verfehlt und nicht zu benutzen

» » Bem. zu Bossert Nr. 559: PD. 1800 l. 71° 10′ $23''5$ st. $23''4$

» 290 Zone 285, $11^h26^m42^s09$: der Fall hat durch Dr. Ristenpart seine Erledigung erhalten, das beobachtete Object ist Pallas gewesen. (In Z. 5 der Bem. l. BZ. 285 st. BZ. 284.)

» » Zone 286, $17^h27^m13^s36$: st. W. 16^h.862 l. 17^h

» 291 Z. 2: der Theil der Berichtigung »Scale st. 34 l. 33« ist zu löschen. (Corr. für δ bereits von Argelander angezeigt.)

» » Z. 4 v. u. st. 44^m23^s72 l. 23^s74

» 292 Zone 431, 3. Zeile: vorzusetzen 19^h

» » » » 7. » st. 1526 l. 1528

» 296 Taylor 7351 st. 41^m39^s04 l. 39^m48^s70, st. 40^m l. 38^m

» 314 am Ende der 2. Col. hinzuzufügen: 6141 9^m2 1 $+0^s01$ $-1''0$

» » die 3. Zeile der 3. Col. (Nr. 6369) ist zu streichen

» 315 Ber. zu B.B. VI, 17° 3536: st. 17′ l. 19′

» 322 Nr. 885: Berl.—Par. st. $+5''8$ l. $+1''7$; st. $+1''28$ $+2''6$ l. $-0''07$ $-1''5$

» 333 » 2489: die Vergl. mit Lal ist nicht zu benutzen (vgl. Bem. zu S. 249)

» 336 » 4026: die richtige Corr. für D'Ag. ist $+0^s63$

» 340 » 4982: D'Ag.—Berl. l. -0^s08 st. $+0^s52$, B.—R. l. -0^s51 st. $+0^s09$ (vgl. Bem. zu S. 229, 357)

» 345 » 6369: die verglichenen Beobachtungen gehören nicht dem in Z. 30 vorkommenden Stern an. Der Sachverhalt ist durch Porter Astr. Journ. 442 festgestellt. (Vgl. Corr. zu S. 129.)

» 357 » 2489: Lal ist nicht zu corrigieren, sondern auszuschliessen (vgl. S. 249)

» » » 4982 st. -1^s l. $+1^s$ in Z. 1 der Bem.; D'Agelet's RA. ist indess nur 0^s5 zu klein und keine Correctur gerechtfertigt

» 359 » 1008: Bem. zu löschen, es ist nichts im Catalog zu ändern

» » » 2654: st. 37^s86 l. 37^s87

» » » 3879: Corr. zu löschen

» » » 4187: Corr. zu löschen

» » » 5596: Corr. zu löschen

S. 359 Nr. 5973: Corr. zu löschen
» » st. Nr. 5656 l. 5636
» Nr. 9083: Ber. muss heissen st. 23".7 l. 23".6
» 361 » 7377 st. $-0^s.0050$ l. $-0^s.0021$
» 362 Zeile 20 ist zu löschen, Nr. 3859 kommt richtig S. 216 vor
363 Bem. zu S. 290: st. Z. 194 l. Z. 196
» Zusatz zu Nr. 3859 ist zu löschen, die Angaben finden sich richtig S. 336

Einzelne der vorstehenden Berichtigungen sind von HH. Battermann, Küstner und Porter, eine grössere Anzahl von Hrn. Ristenpart angezeigt worden.

Nicht hier aufgeführt sind solche Berichtigungen der Catalog-Vergleichungen S. 225—324 und der Zusammenstellung für die Bestimmung von Eigenbewegungen S. 325—356, welche sich aus nachträglich, nach Ausgabe von St. XI, für Oerter der verglichenen älteren Cataloge angezeigten Berichtigungen ergeben würden.

Berichtigungen zum Catalog der Zone $+15^\circ$—$+20^\circ$ sind bei Ausgabe des Stücks in der Einleitung S. (148) und am Schluss des Bandes S. 359 und S. 364 angezeigt. Dazu kommen die vorstehend für S. 45—193 mitgetheilten und weiter noch die folgenden Verbesserungen der bei der Drucklegung der Zonen und der Zusammenstellung der Einzelörter aufgefundenen Fehler.

Berichtigungen für die Orts- und Grössenangaben des Sterncatalogs.

Der weitaus grösste Theil der hier zusammengestellten Ortsverbesserungen entspringt aus der Berichtigung der Annahmen für die Nullpuncte in 17 Zonen [s. S. (5)], der nachträglichen Anbringung der Gangcorrection in den Zonen 232 und 233, und der Berichtigung eines durchgehenden Fehlers in der Reduction der Zonen 46 und 47, die mit falschem Zeichen für die Neigung der Horizontalfäden ausgeführt war. Der Einfluss dieser Fehler auf die Catalogörter beschränkt sich fast immer auf 1 oder 2 Einheiten der letzten Stelle, grösser ist er nur bei einigen nur einmal beobachteten Sternen. Einzelfehler in der Reduction der Oerter sind in geringer Anzahl zum Vorschein gekommen.

In den Grössenangaben sind nicht selten Fehler in Folge falschen Auszugs aus dem Original vorgekommen; kleinere Aenderungen entstehen manchmal durch Zuziehung früher übersehener Schätzungen.

Durch das Zeichen * bei der Catalog-Nr. sind in der folgenden Zusammenstellung die Sterne kenntlich gemacht, für welche die Lesart des Catalogs bereits durch die früheren Berichtigungen (Cat. S. 359) eine Aenderung, und jetzt noch eine weitere erfährt. Die hier neben der »berichtigten Lesart« angegebene »Correction des Orts« bezieht sich bei diesen Sternen auf die gemäss der früheren Berichtigung hergestellte Lesart.

Nr.	Berichtigte Lesart Gr.	RA.	Decl.	Correction des Orts (RA.)	Correction des Orts (Decl.)	Sonstige Berichtigungen
1		$4^s.26$		$+^s.01$		
4*			34".3		−0".1	
6			53.8[1]		+0.2	
11		42.81		− 1		
18		0.05		− 1		
19			55.1		−0.2	
21			14.2		+0.1	
22			15.4		−0.2	
24			52.8		+0.1	
36			25.4		−0.3	
38			40.5		−0.4	
39		27.44		− 1		
41			43.8		+0.1	
42			45.6		+0.1	
43			9.5		+0.1	
46			27.7		−0.1	
60			1.8		+0.1	
61			36.9		+0.1	
68			22.4		+0.1	
73			56.1		+0.2	
75			50.9		+0.1	
77			53.5		+0.3	
78			29.4		+0.1	
84			7.8		+0.1	
87			43.5		+0.3	
88			2.4		+0.2	
93			58.7		+0.1	
95			14".5		+0".2	
97			36.0		−0.1	
98			32.1		−0.2	
99			22.9		+0.1	
102			3.7		+0.1	
104			33.4		+0.1	
105		$9^s.70$		$+^s.01$		
107			4.5		+0.1	
108			20.8		+0.1	
111			16.0		−0.1	
112		43.07		+ 1		
113			38.4		−0.1	
116			34.9		+0.1	
118		8.12		+ 3		
120			59.5		+0.1	
121			13.4		+0.1	
130			52.8		+0.1	
137	7.9		31.9		+0.1	
141			8.4		+0.1	
144	7.2					Fussnote zu streichen
147			10.6		+0.1	
153			30.3		−0.1	
156			37.4		−0.2	
159			36.5		+0.1	
162			21.6		+0.1	
163			40.1		+0.1	
167		18.72		+ 1		
172		50.93	7.9	+ 1	+0.1	

[1] In der Fussnote l. erste δ 57".2, Mittel 50".8

Nr.	Berichtigte Lesart Gr.	Berichtigte Lesart R.A.	Berichtigte Lesart Decl.	Correction des Orts (R.A.)	Correction des Orts (Decl.)	Sonstige Berichtigungen
173		18^s.88		+^{s}.01		
176			7″.9		−0″.3	
177			25.2		−0.3	
178			15.3		+0.1	
184			52.8		+0.1	
190			20.1		−0.1	
191			4.0		+0.1	
193			42.2		−0.1	
194	8.8	18.14	26.1	− 1	−0.2	
196			18.9		+0.1	
198			46.1		+0.1	
200			41.7		+0.1	
201			7.7		+1.0	
202			17.7		−0.1	
205			40.6		+0.2	
208		30.50	35.9	+ 1	−0.1	
209			42.5		+0.1	
211			5.6		+0.1	
215			3.1		+0.1	
218			59.1		+0.1	
223		52.89	57.1	+ 1	+0.1	
225			9.7		+0.1	
226	8.7		6.1		+0.1	
227			5.3		+0.1	
228			5.2		+0.1	
229			9.2		+0.1	
231*			1.6		+0.1	
235			10.7		+0.1	
236			17.2		+0.1	
241			9.9		+0.1	
242			18.7		+0.1	
244	9.1					
247			58.5		−0.1	
249	8.6		26.3		+0.2	
250			40.9		+0.1	
255			31.5		+0.1	
256			48.4		−0.1	
260			41.7		−0.1	
262			14.3		+0.1	
263			53.2		−0.2	
264	8.5					
271			28.0		+0.1	
274			55.8		+0.1	
278			10.6		+0.1	
281			10.5		−0.1	
283			4.4		+0.1	
286			48.5		+0.1	
287			46.4		−0.1	
298			22.0		+0.1	
301	7.6		38.3		+0.1	
303	8.6					
304		7.41		+ 1		
307			21.1		+0.1	
311		14.43		+ 1		
312			54.6		+0.1	
314			37.0		+0.1	
315			26.1		−0.1	
316	8.1					

Nr.	Berichtigte Lesart Gr.	Berichtigte Lesart R.A.	Berichtigte Lesart Decl.	Correction des Orts (R.A.)	Correction des Orts (Decl.)	Sonstige Berichtigungen
318		21^s.11	32″.9	+^{s}.01	+0″.3	
322			27.2		+0.1	
324			27.6		+0.1	
325			10.1		+0.2	
328		29.21		+ 1		
334			18.8		+0.1	
339		42.54		− 3		
341			13.3		−0.1	
342		11.25		+ 1		
344			19.8		−0.1	
348			51.3		+0.1	
349			3.3		−0.2	
350			12.4		−0.1	
351			30.2		−0.3	
352			48.3		+0.1	
355		34.15		− 2		
357			44.2		+0.1	
360			24.5		−0.1	
366			18.2		+0.1	
381			0.7		+0.1	
383			49.8		+0.1	
387			38.2		+0.1	
391		1.80		+ 1		
393			27.8		+0.1	
395			55.1		+0.1	
399			1.1		+0.1	
400			16.7		+0.2	
402			0.3		+0.1	
409			15.1		+0.1	
413			47.8		+0.1	
414		47.95		+ 1		
415			31.4		+0.1	
419			55.5		+0.1	
420			5.2		+0.1	
421			17.3		+0.2	
422			2.7		−0.1	
425			48.7		+0.1	
428		38.98		± 1		
433		30.83		± 1		
441			38.7		−0.4	
450		29.30		+ 5		(wahrscheinliche Correctur)
453		54.18	19.3	− 3	+0.1	Ep. α 70.5 (Z. 168 für R.A.) [ausgeschl.]
457		9.57		+ 1		
465	8.4					
468		55.36		+ 1		
488		26.62		+ 1		
505	8.9	56.11		+ 1		
507		23.56		+ 1		
512		24.21		+ 1		
513		34.70		+ 1		
524		15.46		+ 1		
526		58.99		+ 1		
534		8.99		+ 1		
539		32.73		+ 1		
545		57.30		+ 1		
552	8.5					
554		2.40		− 4		(wahrscheinliche Correctur)

Nr.	Berichtigte Lesart Gr.	RA.	Decl.	Correction des Orts		Sonstige Berichtigungen
576			35.1		+0.1	
583		2.13		+.01		
591		36.53		+ 1		
593	8.6	53.03		+ 2		
603		13.36		+ 1		
615		1.81		+ 1		
626			22.5		−0.1	
629		31.84		+ 1		
633		4.18		+ 1		
637		22.96		+ 1		
642			52.6		−0.2	
664			26.3		−0.2	
679		4.69		− 1		
696			28.6		+0.3	
737			53.2		+0.1	
779	7.9					
816			35.8		+0.2	
820			10.0		−0.1	
846			7.3		+1.8	
869	8.6	16.30		+ 4		Fussnote zu streichen
885			13.2		−0.1	
886			17.5		+0.1	
911			6.9		+0.4	
958			35.4		−0.2	
963		10.37		− 1		
966		46.95		+ 5		
967		54.23	57.7	+ 6	+0.5	
968		54.41		− 2		
973			21.0		+0.1	
976	8.8					
989		1.31		+ 1		
992			19.8		−0.2	
1013	9.1					
1015	8.5					
1036		44.39		+ 1		
1037		51.96		+ 1		
1052		49.56		+ 1		
1054			20.3		+0.3	
1056		36.21		− 1		
1062			31.9		+0.1	
1065		50.24		+ 2		
1089			40.7		+0.2	
1090	6.3					
1093			31.7		+0.1	
1096			47.2		+0.2	
1107	5.9		13.0		+0.1	
1108			39.3		+0.1	
1114	8.5		43.4		+0.2	
1115			28.3		−0.1	
1118			9.8		+0.1	
1120			8.4		−0.2	
1123	9.0					
1126			17.2		−0.1	
1127	8.5					
1141			58.4		+0.2	
1158			9.2	− 1	−0.6	Zonen: zuzusetzen 71 δ
1162		11.09	16.7		+0.1	
1166			9.4		+0.1	

Nr.	Berichtigte Lesart Gr.	RA.	Decl.	Correction des Orts		Sonstige Berichtigungen
1172			37.7		−0.1	
1181			6.6		−0.3	
1182			13.8		−0.2	
1194			10.8		+0.1	
1201	8.8					
1204		54.79		−.01		Ep. α 70.7
1210			17.9		−0.2	
1229		23.01		− 2		
1230	9.3	24.93		+ 4		
1235			28.1		+0.5	
1240			19.5		−0.1	
1247			51.8		+0.1	
1250	8.3					
1256			27.4		−0.5	
1257			26.3		−0.1	
1273			16.2		−0.1	
1283			26.2		+0.1	
1284	9.0					
1285			44.8		+0.1	
1286			1.2		−0.1	
1289	9.0					
1290	9.1					
1294	9.1					
1302			0.6		−0.1	
1306			32.6		+0.5	
1308	7.9					
1309		23.00	57.8	− 1	+0.2	
1316			9.6		−0.3	
1330		36.54		− 1		
1339			37.4		+0.1	
1340			7.6		−0.1	
1342			49.9		+0.1	
1351			36.6		−0.1	
1360			9.8		−0.3	
1367			35.0		+0.1	
1371			45.1		+0.2	
1374			15.6		−0.2	
1377			51.6		−0.1	
1378	8.9	42.15		− 1		
1382		25.60		− 1		
1390			26.4		−0.1	
1437			11.2		+0.1	
1443			56.9		−0.4	
1447			39.7		+0.1	
1458			9.7		+0.1	
1461		32.99		+ 1		
1467			22.5		−0.1	
1470			52.8		+0.1	
1482			4.8		+0.2	
1499			50.7		+0.1	
1510			48.0		−0.1	
1512			34.9		+0.1	
1518			30.0		−0.1	
1523		53.74	10.0	+ 1	+0.1	
1536			56.5		+0.1	
1541			56′ 51″			
1547			40.5		+0.1	
1555			16.9		+0.1	

Nr.	Berichtigte Lesart Gr.	R.A.	Decl.	Correction des Orts		Sonstige Berichtigungen
1559			36″4		+0″1	
1569			14.4[1]		+0.1	
1581			51.0		+0.1	
1583	8.8					
1596	8.0	44^{s}08		+^{s}01		
1606			1.7		+0.1	
1617		31.27		+ 1		
1635	8.5					
1641	8.6	8.02		+ 1		
1646			4.4		+0.1	
1648		29.35		+ 2		
1649	9.1	30.85		− 1		
1685			30.7		+0.1	
1725	9.2					
1747		14.59		+ 5		
1750			52.9		+0.1	
1755			22.2		+0.1	
1759		35.10		− 4		
1761	8.2					
1777			59.4		+0.5	
1791	8.9					
1794		30.65		− 1		
1795		33.30		− 2		
1796		44.04		− 1		
1808			33.5		+0.1	
1826			19.0		−0.1	
1832			23.4		−0.5	
1862	8.2					
1865			21.8		−1.3	
1887	8.8	39.53		− 1		
1927		10.63	45.7	+ 1	−0.1	
1930	9.2	25.30		− 1		
1948	8.7					
2002						Ep. δ 70.7
2013		22.11		+ 1		
2025	5.5:					
2094		31.90		+ 1		
2100	9.0					
2143			28.0		+0.1	
2157	8.7					
2169	9.3	33.26		− 1		
2174			29.6		−0.1	
2193	7.6		17.4		+0.6	
2297		34.49		− 1		
2301	9.3					
2303	8.8	43.52		+ 2		
2304	9.3					
2315			46.5		+0.2	
2316	9.2					
2319			48.7		−0.1	
2334	9.1					
2335			21.0		−0.1	
2375		20.41		+ 3		
2381	8.9					
2395	9.1	58.62		+ 3		
2409			24.9		−0.1	

[1] wahrscheinlich zu berichtigen 13″6

Nr.	Berichtigte Lesart Gr.	R.A.	Decl.	Correction des Orts		Sonstige Berichtigungen
2416		48^{s}05		−^{s}04		
2427		15.79		− 1		
2451		8.53		+ 1		
2479		34.75		− 1		
2486			10″2		−0″1	
2533			5.7		−0.1	
2537			31.2		−0.3	
2550			24.6		−0.1	
2552	8.9					
2567	9.0					
2570	8.1					
2614	9.2	17.17		+ 3		
2616			20.1		+0.1	
2635	9.3	35.44		+ 1		
2637			6.1		−0.1	
2654		38.01	38.3	+ 1	+0.1	
2656		53.31		+ 5		
2657			19.4		−0.1	
2670		54.11		− 2		
2682	8.7					
2683	9.1					
2685	9.7					
2686		31.22		− 6		
2697			16.0		−0.1	
2718	8.1					
2719			39.5		−0.1	
2746			7.2		−0.1	
2750			28.0		−0.1	
2751	8.3					
2767		40.00		− 1		
2769			37.7		+0.1	
2778			51.7		+0.2	
2788			26.0		−0.1	
2792	8.7	55.41		+ 3		
2793	9.0					
2801			27.6		+0.1	
2803			0.6		+0.6	
2814			4.0		+0.2	
2820	7.3		54.3		−0.1	
2821			14.2		−0.4	
2831	9.1					
2836			4.0		−0.1	
2846		18.94		+ 1		
2853			50.5		+0.1	
2858			16.2		−0.1	
2866		15.17		− 1		
2869	8.7	10.91	4.7	+ 1	−0.1	
2876			17.8		+0.1	
2877			27.3		+0.1	
2885	8.4	6.93		+ 2		
2889			3.4		−0.4	
2892			34.0		+0.1	
2898			19.5		+0.1	
2909			51.4		+0.1	
2917			17.6		−0.2	
2922	8.6					
2928			41.6		+0.1	
2935			50.6		+0.3	

Nr.	Berichtigte Lesart Gr.	RA.	Decl.	Correction des Orts		Sonstige Berichtigungen
2943			18″2		−0″2	
2966			1.8		−0.8	
2971			36.3		−0.4	
2983			56.4		+0.1	
2985			5.4		+0.3	
3010			32.6		+0.1	
3016			24.2		+0.1	
3018		26ˢ63		−ˢ01		
3037			41.0		+0.3	
3038			40.7		−0.1	
3046			5.5		+0.2	
3057	7.4		20.7		−0.2	
3063			51.9		+0.2	
3070			8.4		+0.3	
3073			52.2		−0.1	
3086	7.7					
3089			18.6		+0.4	
3099			36.5		−0.1	
3100		34.85		+ 5		
3106			22.5		−0.2	
3113			21.1		−0.1	
3128			37.8		−0.1	
3129			1.8		−0.2	
3138			24.6		−0.1	
3145			25.6		+0.1	
3146			44.1		+0.1	
3147			54.2		+0.2	
3153			57.2		+0.1	
3154	8.8					
3162			53.2		−0.1	
3169		21.60	3.1	− 6	−0.2	
3182			38.3		−0.1	
3191	9.1	2.18		− 3		
3192			6.5		+0.1	
3195			48.7		+0.2	
3196			41.1		−0.1	
3210			45.4		−0.2	
3212			6.3		−0.1	
3216	7.6		55.3		−0.2	
3218	8.6					
3222			32.6		−0.2	
3225			1.5		−0.2	
3232			23.7		−0.2	
3233			18.9		−0.2	
3240		58.10		− 4		(wahrscheinliche Correctur)
3244			26.9		+0.1	
3246			9.9		+0.2	
3252			23.1		−0.1	
3257		46.58		− 5		α 2 Beob., Z. 90 nur δ
3309	8.4		58.0		+0.1	
3320			13.5		+0.2	
3339	9.1					
3350			51.0		−0.2	
3369	8.9	0.72		− 1		
3384			29.7		−0.4	
3388	9.0	21.95		+ 3		
3411			29.0		+0.2	
3420		20.48		− 3		α 3 Beob., Z. 90 nur δ
3478	8.3					
3482	8.8	48ˢ63		+ˢ01		
3489	9.2					
3514	9.1	57.01		+ 1		
3530	9.1					
3533		18.05		+ 1		
3540	9.1					
3566	8.4					
3587			8″6		−0″1	
3591	6.8					
3601			2.1		−0.2	
3624			20.4		−0.1	
3639			41.8		−0.7	Ep. δ 70.2 (3 B.[1])
3643			0.6		−0.1	
3651			19.5		−0.3	
3662			39.7		−0.2	
3669			14.3		−0.2	
3673	7.7					
3689	9.3					
3709		44.52		− 1		
3725	8.0		12.6		+0.1	
3728	8.5					
3735			33.3		−0.1	
3747			12.5		−0.1	
3749			33.4		−0.1	
3758			15.5		+0.2	
3760			45.1		+0.1	
3779			44.9		+0.5	
3782		58.45		+ 1		
3805			16.3		+0.1	
3806			16.2		+0.1	
3807			20.4		−0.4	
3808			15.3		+0.2	
3822			46.2		+0.2	
3825			52.2		+0.1	
3826	8.4	5.88		+ 2		
3828		35.31		+ 1		
3848		42.77	53.8	− 1	+0.2	
3853	8.1	28.30		+ 1		
3858		56.67		− 3		
3866						Ep. δ 69.9
3905			30.4		+0.2	
3914			14.9		+0.2	
3920			52.8		+0.2	
3929			5.3		+0.2	
3951			40.3		+0.1	
3953		42.58		+ 1		
3956		1.41	48.8	− 1	+0.1	
3965			38.2		+0.1	
3966	8.6	39.04		+ 1		
3982			31.7		+0.2	
3985			15.9		+0.1	
3988		28.14		− 1		
3989			10.9		+0.1	
3999	9.1	2.76	51.7	− 1	+0.4	
4009			22.9		+0.2	

[1] nach Ausschluss von δ aus Z. 1

Nr.	Berichtigte Lesart Gr.	RA.	Decl.	Correction des Orts		Sonstige Berichtigungen
4029		$17^{s}.12$		$-^{s}.02$		
4035			$30''.1$		$+0''.2$	
4057			11.4		+0.2	
4065			22.9		+0.2	
4070		31.71		− 1		
4085		45.35		− 2		
4089			27.4		+0.1	
4092			50.0		+0.2	
4119			23.6		+0.1	
4121			40.6		−0.4	
4134		48.58		− 1		
4137			20.3		+0.1	Ep. δ 70.0
4141		26.05		− 1		
4149			25.1		+0.2	
4152		22.32		+ 2		
4153			7.2		+0.1	
4173	9.5	48.83		− 2		
4181			54.3		+0.1	
4213		10.91		+ 1		
4223		14.95		− 1		
4231			33.3		+0.2	
4240			8.8		−0.1	
4256		36.35		+ 1		
4267			23.1		−0.2	
4304		4.08		− 2		
4309			38.9		+0.1	
4339		56.70	28.8	+ 2	−0.6	mit Z. R 1, Ep. 70.2 70.0
4357	7.3					
4364		17.38		+ 1		
4384		28.96	8.5	− 3	+0.1	
4402	9.0	45.48		− 1		
4410			1.3		−0.2	
4442			41.9		+0.1	
4449	7.4					
4453		19.58		− 1		
4461			12.3		+0.2	
4467			20.6		+0.1	
4496	8.8					
4511	8.4					
4524	9.0	30.72		− 1		
4525			3.7		+0.1	
4545			34.1		+0.2	
4550			21.7		−0.1	
4554			15.8		−0.2	
4582			52.1		−0.1	
4590			50.2		−0.1	
4594			14.3		+0.2	
4596	8.4					
4601			50.8		+0.2	
4613	6.8					(BD $6^{m}.0$)
4623			39.7		−0.1	
4639			48.1		−0.1	
4646			47.2		+0.2	
4660			54.6		−0.1	
4666			49.0		+0.1	
4671			39.5		−0.1	
4675			55.3		−0.1	
4689	9.2	2.66		− 2		

Nr.	Berichtigte Lesart Gr.	RA.	Decl.	Correction des Orts		Sonstige Berichtigungen
4691			$29''.1$		$-0''.1$	
4693	7.6					
4711	9.6	$27^{s}.20$		$-^{s}.01$		
4723		7.88		+ 4		(wohl bessere Lesart)
4738		33.50		+ 1		
4740		38.42		− 1		Ep. auch für α 70.1
4741		1.47		− 2		
4750			59.3		+0.1	
4772	8.3	26.99		− 1		
4778		3.16		− 1		
4801			38.2		−0.2	
4839	8.5					
4844	8.1					
4847			54.7		−0.1	
4871			39.6		−0.1	
4882		50.37		− 1		
4893			56.8		−0.2	
4900		51.57		+ 1		
4919	9.6	8.62		− 2		
4935			43.6		−0.1	
4955			41.6		+0.1	
4967		15.04		− 2		
4975			58.8		+0.1	
4998	9.8	31.76	40.8	+ 5	−0.7	Ep. 70.9, 71.0 3 B. (ohne Z. 10)[1]
5039			36.1		−0.3	
5082			42.8		+0.1	
5083			35.2		−0.1	
5084			45.1		+0.2	
5134			47.9		+0.1	
5151	9.3	8.31		± 3		
5169			26.0		+0.1	
5175		35.03		− 2		
5179			46.9		−0.2	
5200			47.2		+0.1	
5218		36.73		− 2		
5245	9.3					
5255		4.66		+ 1		
5268			23.8		−0.1	
5270			37.7		−0.1	
5272		46.87		+ 1		
5281			24.4		−0.3	
5301			17.9		−0.1	
5302		3.74		− 2		
5305		31.30		+ 1		
5306			34.0		+0.1	
5307			2.5		−0.1	
5308			8.4		−0.1	
5310		13.82		− 1		
5314			46.6		−0.1	
5319			21.1		−0.1	
5322		20.15		+ 1		
5329			11.7		−0.1	
5333			16.3		−0.1	
5338			23.4		−0.1	
5341			53.3		−0.1	
5350			56.1		−0.1	

[1] In Fussn. [11] und [12] bei der ersten Angabe :: zuzusetzen

Nr.	Berichtigte Lesart Gr.	RA.	Decl.	Correction des Orts		Sonstige Berichtigungen
5355		10ˢ63		+ˢ01		
5359		12.99	22″1	+ 1	+0″1	
5364			2.8		−0.1	
5366	9.0	53.72		− 1		
5371			21.3		−0.1	
5383	6.3					
5385			26.9		−0.2	
5396		11.41		+ 1		
5416		38.36		+ 1		
5418		47.26		+ 3		
5438			42.0		−0.1	
5442	9.8	29.45		− 2		
5443	9.4	33.05		+ 2		
5452			51.4		−0.1	
5470			41.9		−0.1	
5479			44.8		+0.1	
5485		43.52		+ 2		
5486	9.1					
5501			39.4		−0.1	
5506			59.1		+0.4	
5531		27.77	45.7	+ 2	−0.3	
5564	8.6					
5570	7.6					
5571		7.36		+ 1		
5580			13.8		+0.1	
5588	8.3					
5623		9.43		− 1		
5627			28.7		+0.1	
5640			6.1		+0.1	
5662			29.0		+0.2	
5685	8.9					
5691	9.2	40.02		− 1		
5695	8.6					
5704	9.3					
5708	8.7					
5711	8.3					
5713	7.7					
5718	8.9	42.89		− 1		
5725	8.6	39.17		+ 1		
5728	9.0	41.50		− 2		
5731	8.6	19.31		+ 1		
5732			3.0		+0.1	
5740	9.0	33.12		− 1		
5742	8.3					
5743	9.2	17.83		− 1		
5754	7.9					
5757		25.21		− 1		
5762	8.9					Fussnote fällt fort
5765			23.1		+0.1	
5772		37.73		− 2		
5783	7.9					
5808			9.2		−0.1	
5833	8.2					
5834	(9.3)					Bem.[1]
5840		5.02		+ 1		
5844	8.8					
5898			48″9		−0″1	
5926			52.6		+0.3	
5945			58.6		−0.1	
5954	9.7	31ˢ34		−ˢ05		
5991	7.9					
6005			40.0		−0.5	Ep. δ 70.2, 3 B.
6011	9.2		3.6		+0.2	
6070			59.1		+0.1	
6080	9.2					
6086	8.9	26.62		− 1		
6094			51.0		+0.1	
6114			50.8		+0.2	
6123	8.7	25.11		+ 1		
6130	8.1					
6140			33.9		+0.1	
6143		27.48	14.2	+ 2	+0.2	
6150		31.52	7.9	− 4	−0.2	
6167	8.1					
6169			45.7		−0.1	
6174		8.88	22.0	+ 1	−0.1	
6178	8.3*	21.61		+ 1		
6180			4.1		+0.1	
6198			34.7		−0.1	
6201			5.9		−0.1	
6203			52.4		−0.4	
6208	8.0					
6216			49.4		−0.5	
6220		33.49		+ 4		mit *a* aus Z. 23
6221	9.3					
6226			14.0		+0.2	
6227			31.9		+0.1	
6269		5.52	52.5	+ 1	−0.1	
6303			29.7		+0.1	
6311		10.58		+ 1		
6331		28.26		+ 4		Zonen: st. 26 l. 26*a*
6354			52.5		+0.1	
6357			34.1		+0.1	
6375		52.57		+ 6		
6376			37.1		−0.1	
6379		25.26		+ 1		
6394	8.5	7.53		+ 1		
6401			7.5		+0.1	
6405			13.7		+0.1	
6408			57.0		+0.1	
6417			14.5		−0.1	
6433	7.8					
6434			39.7		+0.1	
6458			30.6		−0.1	
6461			11.2		+0.1	
6462		17.33		− 1		
6467		3.29	56.3	− 1	+0.1	
6468			28.6		+0.1	
6470			27.8		+0.1	
6478			23.1		−0.1	
6498			51.8		+0.3	Zonen: st. 28*a* l. 28
6500	9.1					
6502		37.31	0.9	+ 9	−0.9	Ep. 69.6, Z. 28 32

[1] Stern nur von Romberg beobachtet, dessen wenig zahlreiche Grössenschätzungen sonst bei der Catalogisirung nicht benutzt sind.

Nr.	Berichtigte Lesart Gr.	RA.	Decl.	Correction des Orts		Sonstige Berichtigungen
6509		55^{s}51	49$'$2	−^{s}04	+0$'$1	Ep. 70.0, mit Zone F 2[1]
6510		55.61	47.4	− 4	±0.2	
6516			49.1		±0.1	
6546			53.4		±0.1	
6549	8.4					
6555			25.8		±0.2	
6566	8.5					
6568			57.7		±0.1	
6569		41.46		+ 1		
6577	8.8					
6590	8.4					
6598			14.4		±0.1	
6599	9.2	6.28		− 4		
6619			5.2		±0.1	
6627			49.2		±0.1	
6638		5.53		− 3		
6647	9.1					
6661		36.18		− 1		
6669			0.2		±0.1	
6687	9.2					
6689	8.7					
6695	8.8	37.80		+ 3		Fussnote fällt fort
6703	8.9	22.02		− 1		
6713			20.6		±0.1	
6726			3.0		±0.1	
6751	8.5	5.46		+ 1		
6764	9.1	12.43		− 1		
6827			12.0		±0.1	
6832		59.38		+ 1		
6851		16.96		+ 4		Z. 228 ohne F. 4
6859		52.95		+ 6		
6867		37.08		− 2		
6871		50.79		+ 2		
6885			55.5		±0.1	
6890			5.5		±0.1	
6894	8.9					
6916			22.4		±0.2	
6922	8.3[2]					
6926			3.8		+0.1	
6958		5.52::		+ 1		Decl. ebenfalls ::
6967			28.3		±0.2	
6973		6.51		− 6		
6980	9.2	1.41		+ 1		
6985		24.45		− 4		
6998			26.0		±0.1	
7047	9.2	15.76		− 2		
7092			55.9		±0.1	
7094		55.63		− 3		
7108			2.8		−0.1	
7109			37.7		±0.2	
7169			39.8		−0.1	
7185		25.75		− 2		
7207		41.06		+ 1		
7213	8.9	3.06		− 2		
7221			37.1		−0.1	
7223		15.64		− 2		

Nr.	Berichtigte Lesart Gr.	RA.	Decl.	Correction des Orts		Sonstige Berichtigungen
7226		24^{s}84		+^{s}03		
7234	7.7[3]					
7240		51.74		− 2		
7244	9.1					
7251		24.97		− 2		
7261		26.01		− 1		
7266		13.70		− 1		
7278		21.20		− 1		
7290			13$'$8		±0$'$1	
7317		41.09		− 2		
7325		24.15		− 1		
7335		59.16		− 2		
7349		20.12		− 1		
7375		33.31		− 5		
7383		2.09		− 1		
7384		4.69		− 2		
7396		29.63		− 2		
7399	8.9					
7401		43.23		− 1		
7422		16.35		− 1		
7428		46.08		− 1		
7436	8.6	29.04	58.4	− 1	±0.1	
7438			2.0		±0.2	
7440			44.2		±0.1	
7462		58.51		− 1		
7467		29.77		+ 1		
7468		31.58		+ 2		
7469		40.97		− 3		
7477	8.3					Fussnote fällt fort
7483			25.3		−0.1	
7484		59.86		− 3		
7502	8.5					
7505		40.10		+ 2		
7506	9.2	46.43	55.9	− 2	±0.1	
7508			51.6		±0.1	
7512		0.01		− 2		
7521		42.01		− 1		
7538	7.3					Fussnote fällt fort
7545			53.3		−0.1	
7557		12.17		− 6		
7576	9.2	23.87		− 2		
7584		55.51		− 1		
7585			37.1		−0.1	
7619		47.03		− 1		
7624	9.1					
7633		51.71		+ 1		
7643	8.9	17.35		− 1		
7697	7.8					Fussnote fällt fort
7699	9.1	58.48	9.4	− 1	−0.4	Ep. 70.1
7703		5.04		− 1		
7707	7.8					
7717	8.6	37.36		− 1		
7730	8.7					Fussnote fällt fort
7754	8.7					
7778			55.2		±0.2	
7793	8.8					

[1] Fussnote zu streichen [2] Als Fussnote hinzuzufügen: BD 7.8 [3] Als Fussnote hinzuzufügen: BD 8.3

Nr.	Berichtigte Lesart Gr.	Berichtigte Lesart RA.	Berichtigte Lesart Decl.	Correction des Orts (RA.)	Correction des Orts (Decl.)	Sonstige Berichtigungen
7800		31°93		+°01		
7804		56.20		− 1		
7830		4.57		− 1		
7835		19.02		+ 1		
7848			21°8		+0°3	
7867		48.52		+ 1		
7872		2.93		+ 1		
7882		38.41		− 1		
7904			53.4		+0.1	
7907		7.20		+ 1		
7908	8.8	7.84		+ 1		
7917	8.3					Fussnote zuzus.: BD 8.8
7933			43.4		−0.1	
7938		57.75		+ 1		
7945			28.4		+0.1	
7955		15.05		+ 1		
7974			40.0		−0.1	
7987			49.7		−0.1	
7992	9.2	14.83		− 1		
7994			46.6		−0.1	
8000			0.6		+0.1	
8008		12.59		+ 1		
8020		50.50		+ 1		
8023	7.9					
8024			52.1		+0.2	Ep. δ auch 71.0[1]
8026	9.4	43.41		+ 4		
8028		48.68		+ 1		
8031			14.1		−0.1	
8036			49.7		−0.1	
8039			35.3		+0.3	
8042		23.21		+ 4		
8043			23.5		+0.1	
8049		0.40		+ 1		
8050						Ep. δ 70.2 (wie α)
8051	8.7	14.45		+ 1		
8053	9.4					
8057		41.72		+ 1		
8066		23.38		+ 1		Ep. δ 70.2 (wie α)
8071			58.1		−0.3	
8086			18.6		−0.1	
8092		44.02	1.9	+ 1	−0.1	
8093	9.0	50.26	41.7	+ 2	−0.1	
8094			25.6		−0.1	
8096			34.6		+0.2	
8113		35.63		+ 2		
8115		38.30		+ 2		
8129		54.10		+ 1		
8141		40.46		+ 2		
8142			8.1		−0.1	
8145		10.70		+ 1		
8146	8.5[2]					
8155		37.50	31.3	+ 1	−0.1	
8162		7.28		+ 2		
8167		1950.		+ 1		
8172		25.13		+ 1		
8176		5.82		− 3		Ep. α 70.2, Z.126 nur δ
8179			6.9		−0.1	

Nr.	Berichtigte Lesart Gr.	Berichtigte Lesart RA.	Berichtigte Lesart Decl.	Correction des Orts (RA.)	Correction des Orts (Decl.)	Sonstige Berichtigungen
8185		49°62		+°02		
8193			52°7		−0°1	
8195		45.17		+ 2		
8200		17.77		+ 1		
8209			21.1		+0.2	
8212		28.33		+ 1		
8222		6.67	54.8	+ 1	+0.1	
8231			14.5		+0.4	
8236		37.14		− 1		
8237	8.8					
8258		30.54		+ 2		
8279		47.60		− 2		
8293	8.9					
8308		22.13		+ 2		
8314	9.1	51.60		− 1		
8334	9.0					
8349			59.3		−0.2	
8360		50.58		+ 3		
8364	9.2	10.32	1.7	+ 4	−0.3	
8369			42.6		+0.1	
8373			2.1		+0.1	
8385			31.7		+0.1	
8389			21.3		+0.1	
8390			55.1		+0.1	
8396		2.62		+ 5		Z. 145 ohne E.1
8398			7.8		−0.1	
8411		34.85		− 2		
8421			44.1		+0.1	
8437		59.34		− 1		
8438			47.5		+0.1	
8442			48.9		+0.1	
8452	9.3					
8458			58.3		+0.1	
8478			20.7		−0.1	
8479			1.2		+0.1	
8501°			1.9		+0.1	
8503		18.98		− 1		
8526						Fussn. st. 237° l. 243°
8530						Ep. α auch 70.4
8534		51.85		− 2		
8535			33.2		−0.2	
8544			31.5		+0.1	
8585			35.0		+0.1	
8586	8.3					
8588		17.36		− 1		
8589		19.00		+ 3		
8593	9.2					
8614		4.85	6.7	− 3	−0.1	Ep. 70.6 70.5 (3 B.)[3]
8620			26.6		+0.1	
8657			45.8		+0.1	
8701			50.9		−0.1	
8712			38.1		+0.1	
8730		10.85	36.9	+ 1	+0.2	
8732		38.81		+ 3		Ep. α auch 70.3
8737			30.6		+0.4	
8754			34.2		+0.2	

[1] Z. 223 mit Corr. für δ mitzunehmen   [2] Als Fussn. hinzuzuf.: BD 9.0   [3] In Col. Zonen zuzusetzen: R 22

Nr.	Berichtigte Lesart Gr.	R.A.	Decl.	Correction des Orts		Sonstige Berichtigungen
8760		53ˢ49	11″5	−ˢ01	+0″1	
8761		4.77		− 1		
8762	6.5					
8766		55.42		+ 5		
8768		17.30		− 1		
8769			56.3		+0.2	
8777			7.3		−0.1	
8780		5.47	37.5	− 1	+0.2	
8784		35.38	12.3	− 1	+0.1	
8787		10.10		− 1		
8799			47.8		+0.1	
8801		54.17		− 1		
8803	8.0					
8818			4.9		−0.1	
8826	7.9					
8830			15.7		+0.1	
8833			18.3		+0.1	
8834	8.5					
8841			15.7		+0.1	
8843		32.76		− 1		
8849			28.2		+0.1	
8850			19.6		+0.1	
8863		4.54		+ 4		
8868	9.1					
8872			48.9		+0.1	
8878			28.5		−0.1	
8883			1.2		−0.1	
8886			35.1		−0.1	
8893			32.3		−0.1	
8897			4.9		−0.1	
8899		50.73	4.0	− 1	+0.3	
8904		7.54	19.9	− 1	−0.1	
8905			35.9		−0.1	
8907			19.8		−0.1	
8909			23.2		−0.2	
8913			2.9		−0.1	
8920			44.0		+0.1	
8932			14.8		−0.4	
8935			34.5		−0.2	
8938			52.8		−0.2	
8941	7.0					
8943			1.9		+0.1	
8944		45.41		− 1		
8949			48.1		−0.2	
8950		19.63		− 1		
8965			46.4		−0.2	
8966		32.50		+ 1		
8969			47.6		−0.2	
8970			19.2		−0.2	
8971			50.2		+0.1	
8982			54.4		−0.1	
8983		3.97	29.2	− 1	−0.1	
8984			46.0		+0.1	
8985			23.3		+0.1	
8988			16.2		+0.1	
8997		37.81		− 1		
9008			33.7		−0.1	
9012			55.2		−0.1	
9014			22″5		−0″1	
9015		16ˢ33		−ˢ02		
9016			43.4		−0.1	
9022	9.2					
9023			19.1		−0.4	
9025			24.6		+0.2	
9030			20.2		−0.1	
9031			27.7		−0.1	
9035			44.9		+0.1	
9039		3.74		+ 1		
9040			7.4		−0.2	
9044			53.8		−0.2	
9054		10.82		+ 1		
9058			41.8		−0.1	
9062		41.84		− 1		
9067	8.0		27.7		−0.1	
9068			56.5		−0.4	
9071			17.5		−0.3	
9074			9.3		−0.2	
9078		10.84		+ 1		
9085			6.3		+0.1	
9087			7.1		+0.1	
9088			15.6		−0.4	
9089			58.2		+0.1	
9090			43.3		−0.2	
9096			19.5		−0.3	
9098		46.45		− 1		
9102			17.7		−0.2	
9105		33.95		+ 1		
9107			32.3		−0.4	
9111			51.0		−0.1	
9120			38.3		+0.1	
9122			7.7		−0.3	
9124			46.2		−0.2	
9126			50.3		+0.1	
9128			33.8		+0.1	
9130			42.2		+0.1	
9133			53.0		−0.2	
9134			52.6		−0.1	
9135			24.4		+0.2	
9139			30.5		−0.2	
9144		43.17	12.0	+ 1	+0.2	
9145		45.85		− 1		
9148			7.6		−0.2	
9152			45.9		−0.1	
9156	9.1	44.30		− 2		
9162			51.7		−0.2	
9164		34.08		− 1		
9165			32.5		+0.1	
9166			26.4		−0.1	
9167			18.4		+0.5	Ep. δ 70.4[1]
9168		55.55		− 1		
9170			9.0		−0.4	
9176			16.7		−0.2	
9178			31.0		−0.4	
9182		47.13		− 1		

[1] Z. 148 ist auszuschliessen

Nr.	Berichtigte Lesart			Correction des Orts		Sonstige Berichtigungen
	Gr.	RA.	Decl.			
9185			35″.4		−0″.2	
9187		9s.19		−s.01		
9189		15.68		− 1		
9199			9.3		+0.2	
9200			26.1		−0.3	
9204			55.0		+0.1	
9205		38.79		+ 1		
9207			33.5		−0.2	
9218			35.8		−0.2	
9219		8.52		+ 1		
9220			39.1		+0.2	
9228	7.8					
9238			22.1		−0.1	
9239			38.7		−0.2	
9240		44.98		− 1		
9243			23.6		−0.1	
9246			48.6		−0.3	
9247		4.44		+ 1		
9251		21.97		+ 2		Ep. α 70.3
9264*	8.9	53.17	26.2	+ 3	+0.2	
9267			45.7		−0.1	
9279			3.9		−0.1	
9281	9.1	1.73		+ 5		
9290			57.6		−0.1	
9293			53.4		+0.1	
9301			41.2		+0.1	
9302	8.9	44.89		+ 2		
9305		6.59		− 1		
9312			13.2		−0.1	
9316			31.8		−0.3	
9331			17.4		+0.1	
9336			7′0″.1		+0.2	
9343		27.55		− 2		
9345			23.6		−0.2	
9352			37.6		+0.1	
9354			42.7		−0.2	
9364			37.2		−0.2	
9369			52.6		+0.2	
9374			32.5		+0.2	
9377			39.8		+0.1	
9380			6.0		−0.1	
9387			57.0		−0.1	
9391			34.7		−0.2	
9394			17.8		−0.2	
9403			23.9		−0.1	
9406			42.4		+0.1	
9415			56.6		+0.2	
9430		46.70	7.7	− 1	−0.3	
9432		58.12		− 1		
9434		42.17		− 1		
9441		34.78		− 2		
9446		55.94		− 1		
9447		56.53		− 1		
9472	7.0					
9473	8.8					
9474	8.6	29.72		+ 3		
9475			13.1		+0.1	
9477	8.8	58.46		− 1		
9478			2″.9		+0″.1	
9481			44.5		+0.1	
9483			36.7		+0.1	
9485			12.4		+0.1	
9491			1.6		+0.1	
9492			36.3		+0.1	
9506			47.9		+0.1	
9508			4.1		+0.1	
9518			14.8		+0.1	
9529	8.6		15.7		+0.1	
9535		15s.50	38.3	−s.01	−0.4	
9544			44.3		+0.1	
9552			48.0		+0.1	
9557						Ep. δ 70.0
9563		59.23		− 1		
9569			21.8		+0.2	
9595	7.7					
9604		56.32		− 1		
9605		7.01		− 1		
9609			48.0		+0.5	
9619		34.63		− 1		
9622		42.08		+ 1		
9632		59.38		− 1		
9660		54.47		− 1		
9661		57.78		+ 1		
9668	9.3	14.12		− 1		
9670		23.12		− 1		
9676		19.34		− 1		
9684			35.6		+0.2	Ep. δ 70.8 2 B.[1]
9686		1.96		− 1		
9687		11.15		− 1		
9689		31.90		+ 1		
9695		11.61		− 1		
9703		38.62		− 1		
9705		45.26		+ 1		
9712		8.88		+ 1		
9722			38.4		+0.1	
9735			38.7		−0.1	
9744		55.94		− 1		
9753		24.81		+ 1		
9756		32.11		− 1		
9760	9.2	45.95		+ 2		
9764		11.46		− 1		
9779	8.5	59.44		+ 2		
9781		17.72		− 1		
9786			6.2		+0.3	
9787			4.4		+0.3	
Anh.						
28			17.2		+0.1	
31		58.36		+ 2		
42			54.0		−0.1	
43			57.6		+0.1	
44			35.7		+0.2	
46	9.5	7.56		+ 2		Fussnote fällt fort
47			16.4		−0.2	

[1] Col. Zonen l. 55 a st. 55

Nr.	Berichtigte Lesart Gr.	R.A.	Decl.	Correction des Orts		Sonstige Berichtigungen
19		42.15		−.01		
53	8.1					
57			30.1		[illegible]	
72	7.7					[illegible]
77	6.7					
78	7.2					
93		10.03		+ 1		
96		38.41		− 7		
138			38.2		+0.4	
160			40.3		−0.2	

Nr.	Berichtigte Lesart Gr.	R.A.	Decl.	Correction des Orts		Sonstige Berichtigungen
174			55.9		+0.1	
175			44.4		−0.3	
[illegible]		1.20	45.0	−.02	+0.8	(Z. 205 d Gew. 4
[illegible]		24.27		+ 2		
[illegible]		54.11	1.0	+ 1	−0.1	
[illegible]	[illegible]	10.02		+ 3		
[illegible]			0.8		−0.8	
[illegible]		31.38		+ 1		Zonen 212 213
[illegible]	[illegible]	57.37	38.2	+ 1	−0.1	
[illegible]		53.06		− 2		

Die vorstehenden Ortsberichtigungen würden auch in die Catalogvergleichungen einzuführen sein, sind jedoch für diese fast durchweg ganz ohne Bedeutung.

Im Catalog ist ein Stern ausgelassen und wie folgt nachzutragen:

1421a	$9^m.5$	$5^h\,4^m35^s.34$	$+3^s.5145$	$+0^s.0079$	$+19°13'20''.2$	$+4''.802$	$-0''.501$	70.2	Z. 76	19° 864

Bei Nr. 7311 sind die ausgelassenen Secunden der Declination hinzuzufügen: 1''.3.

Ferner sind im Anhang zum Catalog zwei Sterne hinzuzufügen:

11a	$9^m.3$	$2^h\,2^m\,1^s.82$	$+3^s.3438$	$+0^s.0196$	$+21°48'18''.2$	$+17''.278$	$-0''.255$	70.1	Z. 61	21° 288
373	7.5	19 2 21.43	+2.1389	+0.0012	+35 56 6.6	+ 5.389	+0.298	70.8	» 142	35 3480

und im Verzeichniss der nachbeobachteten fehlenden Programmsterne am Schluss der Einleitung S. (150) ein Stern:

(28a)	—	$8^m.8$	$19^h40^m47^s.53$	$+2^s.6874$	$+0^s.0001$	$+17°38'48''.0$	$+8''.538$	$+0''.351$	1890.6	Kü 2	17° 4080

Druck der G. Braun'schen Hofbuchdruckerei in Karlsruhe.

Es ist noch zu verbessern:

S. 211 Z. 2 st. 5636 l. 5626
» 216 Nr. 4339 st. 56.70 l. 46.70
» 218 » 6638 » 5.53 » 7.53
» 219 » 8167 RA. l. 59.50



